ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR

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Dedicated to

my

Family

&

Teachers

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ABBREVIATIONS

CAP	COLLEGE OF AMERICAN PATHOLOGISTS
AABB	AMERICAN ASSOCIATION OF BLOOD BANKS
PBM	PATIENT BLOOD MANAGEMENT
QSE	QUALITY SYSTEM ESSENTIALS
PRBC	PACKED RED BLOOD CELL
QC	QUALITY CONTROL
QI	QUALITY INDICATOR
WPQM	WORKING PARTY ON QUALITY MANAGEMENT
TM	TRANSFUSION MEDICINE
QMS	QUALITY MANAGEMENT SYSTEM
QSE	QUALITY SYSTEM ESSENTIALS
NCQA	NATIONAL COMMITTEE FOR QUALITY ASSURANCE
TABC	TRANSFUSION ASSOCIATED BACTERIAL CONTAMINATION
TTI	TRANSFUSION TRANSMITTED INFECTION
EIA	ENZYME IMMUNOASSAY
SOP	STANDARD OPERATING PROCEDURE
CLIA	CHEMILUMINESCENT IMMUNOASSAY

PA	PARTICLE AGGLUTINATION ASSAY
NAT	NUCLEIC ACID AMPLIFICATION TECHNOLOGY
ID-NAT	INDIVIDUAL DONATIONS NUCLEIC ACID AMPLIFICATION TECHNOLOGY
MP-NAT	MINIPOOL NUCLEIC ACID AMPLIFICATION TECHNOLOGY
NACO	NATIONAL AIDS CONTROL ORGANISATION
NBTC	NATIONAL BLOOD TRANSFUSION COUNCIL
TP	TOTAL PROTEIN
NHvPI	NATIONAL HEMOVIGILANCE PROGRAMME OF INDIA
BTS	BLOOD TRANSFUSION SERVICE

ABSTRACT

Background: - Blood donation is one of the noblest gestures; a human can make to save life. The transfusion of blood and blood components has become an integral part of patient management in modern medicine. Transfusion requests are always more than the supply due to advances in health care delivery. Careless use of whole blood and blood components strains the transfusion services. This dictates the proper analysis of real need of transfusion and the discard of this scarce resource.

Materials & Methods: - A total of 26,768 blood donations were collected in the Department of IHBT, DMCH from Jan-Dec 2019. Out of which 1533 units were collected in single bag as whole blood and 25,235 units were separated into components. A total of 850 units of WB & 2566 units of blood components were discarded during the study period & analyzed according to different discard reasons & quality control analysis.

Result: - 850 units of WB were discarded with a discard rate of 3.17% with 769 units being discarded due to TTI positivity. A total of 2566 units of blood components were discarded with platelet concentrate being the most common blood component to be discarded due to expiry. PRBC & L-PRBC was discarded due to insufficient quantity during blood collection. FFP & cryoprecipitate were mostly discarded due to breakage during component preparation. In addition, 25 units of platelet concentrate showed QC failure rate of 2.98% while FFP showed QC failure rate of 0.59%. No QC failure was seen in WB, Cryoprecipitate & L-PRBC.

Conclusion: - this study indicates a need to implement well-structured blood transfusion services, which is reflected by quality indicators. Quality Indicator Data is acted upon by continuous measurement, identifying problems, root cause analysis, implementing corrective action, developing a quality improvement strategy (i.e. Corrective & Preventive action), reporting and seeking opportunities for improvement. Hence, by implementation of root cause analysis, corrective and preventive measures, the concerned authorities should ensure that the QI's are

instituted in the right way for improving the quality of BTS in the organization.
Keywords: - Quality control, quality indicators, blood transfusion service, discard rate.

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INTRODUCTION

Blood transfusion service (BTS) is a vital part of the modern medical practice without which a well-organized & well- structured medical facility is not possible.[1] The purpose of BTS should be to deliver efficient & valuable blood and blood products, which are safe for the patient's need.[2]

Whole blood (WB) is a blend of white blood cells, red blood cells and platelets, suspended in plasma. On applying appropriate centrifugal force, different blood components will get separated based on different size, relative densities, sedimentation rate.[3]

The component separation technique has amplified the usefulness of one unit of whole blood (WB). Therefore, each blood component can thus be used for various indications. For the effective management of patients, the development in medical technology necessitates more and more establishment of safe blood.[4] To deal with the ever-increasing demand and supply of blood and its components in resource-constraint situations such as ours, more rigorous norms should be employed for blood donations and for proper consumption of blood products.

The quality of blood and blood products can get disrupted by the careless usage of blood & blood components. The rate of discarded blood components or "wastage rate" is one of those indicators and has been listed third among the ten quality indicators recommended by National Accreditation Board for Hospitals and Healthcare providers.[5] It has been considered that one-third of all patients admitted to a Intensive Care setting will require a blood transfusion at some point of time in the developed countries.[6]

Many of the medical and surgical specialities is directly influenced by the continual & balanced supply of blood which comes from voluntary, non-remunerated, healthy, and low-risk donors.[1,5,7,8]

In order to overcome the gap between the supply & demand of blood, the working of BTS can be enhanced either by increasing the level of investments used in the collection and production of blood components or

by utilizing the prevailing resources more skilfully.[9] Therefore, every single unit of blood is valuable and should be consumed thoughtfully with negligible wasting. The BTS can execute efficient plans by investigating the data and the reasons for discard in order to improve the performance through quality education and training of staff, thereby pioneering & establishing new measurement actions to reduce the number of discarded blood to a minimal rate.[10]

Additionally, this can also assist in devising proper guidelines for appropriate donor screening, component preparation, and storage. In order to protect human and financial resources, appropriate protocols for minimizing the wastage of blood and components should be calculated & implemented in each blood bank.

Wastage of packed red blood cell /whole blood unit has significant influence on blood supply and monetary stability of the blood centre. It has been seen that the discard of packed red blood cell units in hospitals ranges from 0 to 6.7% [11, 12] .The motive for discarding a unit of whole blood or packed red blood cell will vary in hospital-based blood banks and individual Regional Blood Transfusion Centre, which provides blood to several hospitals. Numerous studies are available from western countries on red blood cell/whole blood wastage in various blood banks [13, 14] but there is scarcity of data on the extent and description of wastage of red cell/ whole blood units in blood banks in our country. [15,16] The current study defines the discard rate of various blood components in a big regional transfusion centre from north India and discussed various methods to lessen the discard rate.

The National Accreditation Board for Hospitals and healthcare providers (NABH) has documented quality indicators as a very significant & crucial measure for quality improvement. It aids to classify areas of poor performance and thus implement appropriate actions to be taken for amendment. It also provides a well-documented strategy for the safety of the various processes operative in the blood bank relating to the blood

collection, processing, testing as well as transfusion of blood products.[17] Blood and blood components are commonly requested without proper investigation of the actual requirement. Such routines have greater implications in resource-controlled circumstances. Careless over requesting of blood can drain the physical and human resources of a health care facility and increase the cost of medical care.[18] A well-structured blood transfusion service contributes towards a healthier service in a hospital, which is then displayed by the various quality indicators.

Quality Indicator Data is represented by constant measurement, recognizing problems, root cause analysis, implementing remedial action, developing a quality improvement strategy (also known as preventive action), record keeping and seeking opportunities for upgradation & perfection. Quality indicators perform like tools for constant development to empower an organization to accomplish its quality goals. Hence, by execution of root cause analysis, corrective and preventive measures (CAPA), the concerned officials should guarantee that the QI's are established in the accurate way for improving the excellence & quality of Blood Transfusion service in the organization. Consequently, it becomes essential for any blood centre to encourage high standards of quality in all aspects of its blood transfusion services. This can be accomplished through execution of quality management systems (QMS), which can be supervised to provide optimal & efficient quality services.

The American Association of Blood Banks (AABB) defines quality indicators as the specific performance measurements designed to monitor one or more processes during a defined time and are useful for evaluating service demands, production, adequacy of personnel, inventory control and process stability.[19] Henceforth, these quality indicators turn out to be the proof of the level of quality performance of the blood bank. Additionally, the information collected through these can be utilized for continuous quality improvement.[20] The assessment of quality indicators

can be done by using certain parameters where re-established data and objectives can be used as a standard[21]

Thus, our study is aimed to assess and analyze quality indicators as performance tools of our Blood Transfusion Services.

AIMS AND OBJECTIVES OF THE STUDY

1. To evaluate causes that lead to discard of blood and blood components.
2. To analyze various quality indicators to ensure providing blood units having high quality with maximum efficacy and minimal risk to potential recipients.
3. To introduce new measures for optimum usage of blood and blood components in order to minimize it's discarding.
4. Overall improvement of quality performance of blood transfusion services.

REVIEW OF LITERATURE

Blood is a precious resource, and in spite of the dedication of volunteer blood donors and blood centres, shortages occasionally occur. Transfusion may also lead to a risk of morbidity and mortality, even if the transfusion is medically specified. The avoidance of unnecessary transfusions and prevention of medical mistakes can reduce the risk to recipients. In the struggle to ensure the safety and effectiveness of transfusion, authorizing agencies, including AABB and the College of American Pathologists (CAP), necessitate that the hospitals should monitor blood transfusion practices and adverse events regularly. The Joint Commission (TJC) and the Code of Federal Regulations (CFR) command that hospitals must cultivate, implement, and maintain an effective, data-driven quality assessment and performance improvement program, which includes the hospital transfusion service. In addition, to be permitted for Medicare compensation, hospitals are obliged to have such programs. The hospital Transfusion Committee exists to ensure compliance with regulatory and accreditation necessities, enhance the transfusion practices, and decrease the adverse events. The committee works together with medical leadership to approve evidence-based transfusion guidelines, support a quality foundation to monitor all the transfusion practices and hence, support the Patient Blood Management (PBM) program.

The AABB delineates ten quality system essentials (QSE)

1. Organization
2. Personnel
3. Equipment
4. Supplier issues
5. Process control
6. Final inspection/handling
7. Documents and records
8. Incidents/errors/accidents

9. Assessments, process improvement, and
10. Facilities or safety upon which its evaluation of quality of blood establishments seeking its accreditation is adjudged against prior established standards.

Recently, the Food and Drug Administration commenced the concept of a "zero risk blood supply" as the manufacturing goal.[22] Most of the studies on quality indicators worldwide are based on the monitoring of data such as the rate of red blood cell (RBC) unit expiration, cross match: transfusion (CT) ratio, and the rate of RBC unit wastage. The importance of establishing reliable quality assurance systems for the whole chain of blood collection, processing and distribution of blood components in blood establishments was also emphasized by the Sixty-third World Health Assembly. In that resolution, quality assurance was seen as a necessary measure that would contribute to increased global availability of plasma that meets internationally recognized standards. Our study measured of the wastage of blood & blood components as quality indicator. The following parameters were assessed for the same:

1. Clot in blood bag
2. Hemolyzed blood
3. Lipemic blood
4. Red cell contamination of platelets or plasma
5. Outdating of blood units
6. Quantity not sufficient (QNS)
7. TTI positivity for HIV, HBV, HCV, Malaria or Syphilis
8. Late returned back units (LRB)
9. Quality control of blood & blood components

CLOT IN BLOOD BAG

A technical error that can occur quite frequently is the presence of a clot in the blood bag. Blood clots develop in the blood bag due to inappropriate mixing of blood with anticoagulant present in the blood bag in a fixed ratio. Due to the appropriate ratio of blood to anticoagulant and also proper

mixing, clots typically do not occur in the blood bag. Lacking of one or both may lead to the formation of blood clot in the blood bag that may or may not be observable instantly. Usually blood shaker makes proper mixing of blood with anticoagulant.

Moreover, blood collection monitors provides interpretation for the amount of flow and flow speed (Terumo Penpol in our case). The collection monitor usually examines the flow speed through the tubing at every 30 seconds during the blood collection phase. The flow rate during the collection phase can be categorized under three grades as follows: low flow, optimal flow & high flow rates.[23]

Low flow specifies that the flow rate is less than 10ml every 30 seconds, while high flow is more than 90 ml every 30 seconds. Optimal flow is a flow rate between 10 ml – 90ml every 30 seconds.[24] A low flow is commonly indicated in the formation of clot in the blood bag. Blood flow rate controls the thrombus formation, and under the low flow conditions, fibrin formation is therefore sufficient for clotting process to occur.[25]

HEMOLYSED BLOOD

Hemolysis is triggered by the breakdown of the RBCs, causing the release of hemoglobin and resulting in the discoloration of the plasma. Abnormal hemolysis in an individual RBC unit may be caused by numerous reasons including inappropriate handling during processing of blood, unsuitable storage conditions, bacterial hemolysins; antibodies that cause complement lysis, defects in the RBC membrane, or an abnormality in the blood donor. The grade of hemolysis is described as the percent of free hemoglobin in relation to the total hemoglobin with suitable correction for the hematocrit. The acceptable level of hemolysis has not been established in North America, but the value of 1% currently is used to assess biocompatibility of blood storage materials, whereas the Council of Europe has set the standard at 0.8%.[26]

Hemolysis may occur in a packed red blood cell (PRBC) unit during blood collection, transportation, preservation and or different periods of handling

in the blood bank. Visual detection of hemolysis of a unit is possible usually by noticing the colour of the supernatant plasma. It is a suitable practice to observe the colour of the plasma just before issue of the blood component to avoid any inadvertent serious transfusion reaction due to a hemolyzed blood unit. Hemolysis during blood collection and storage is the most severe display of the packed red blood cell (PRBC) storage lesion. It signifies either the rupture of RBCs with the release of hemoglobin (Hb) directly into the suspending fluid or the loss of membrane-bound Hb in micro vesicles.[27]The fundamentals of “red blood cell storage lesion” comprise: morphological changes, slowed metabolism with a decrease in the concentration of adenosine triphosphate (ATP), acidosis with a decrease in the concentration of 2,3-diphosphoglycerate (2,3-DPG), loss of function (usually temporary) of cation pumps. There is a subsequent loss of intracellular potassium and build-up of sodium within the cytoplasm, oxidative damage with changes to the structure of Band 3 and lipid peroxidation, and loss of parts of the membrane through vesiculation. Collectively, these events risk negotiating the safety and effectiveness of long-stored red blood cells, dropping their capacity to carry and release oxygen, helping the release of potentially toxic intermediates like, free hemoglobin which act as a foundation of reactive oxygen species. [27,28]

LIPEMIC BLOOD

The Lipemic blood has a variegated source. It comprises physiological causes (i.e., postprandial metabolism) or Para-physiological causes (e.g. administration of lipids intravenously), along with metabolic disorders that can cause lipemic blood (e.g., hypertriglyceridemia).[29] A comprehensive range of common diseases which can be also be related with hypertriglyceridemia includes diabetes, hypothyroidism, chronic kidney disease, multiple myeloma, ethanol use, acute pancreatitis, primary billiary cirrhosis, systemic lupus erythematosis, as well as drugs such as protease inhibitors, estrogen and steroids[30] Moreover, donors vary in their

characteristics and those who provide turbid plasma may have an unfavourable cardiovascular profile in terms of obesity and diabetes mellitus. Two case reports state the occurrence of turbid plasma in blood donors, who were later found to have elevated levels of triglycerides.[31,32] Temporary conditions could be of particular interest among blood donors, such as eating a fatty meal before donation. The intake of fatty meal increases the level of triglycerides for several hours and could be one of the underlying causes of turbid plasma.[33,34]

Following gastrointestinal absorption, plasma triglycerides appear almost instantly in blood (i.e., after 30–60 min), and then remain in circulation largely as chylomicrons and their metabolic remnants for 4–12 hr. Besides subjective or scarcely dependable reports, there is limited scientific literature about the frequency of lipemic blood donations. Overall, the frequency of blood donations with acceptable levels of lipemia for being tested (i.e., triglycerides < 3000 mg/dL) has been reported to range between 0.31% [35] and 0.35% [36]

RED CELL CONTAMINATION

Red cell contamination varies from a light pink / salmon colour trace to a marked red discoloration in platelets, plasma or cryoprecipitate. Red cell contamination occurs during production and results from ineffective separation of red cells and platelets. Currently there are no standards of acceptability of red cell contamination for platelet units. However, the AABB standards recommend compatibility testing when an aphaeresis platelet contains more than 2 ml of red cells.[37]

OUTDATING OF BLOOD UNITS

Supplementary expenses by blood establishments have occurred because of the loss of platelets because of their short shelf life (5-7 days) and the greatly varying demand for them. Because the shelf life of RBCs is 35-42 days under optimal conditions, they are not as perishable as platelets. Reasons that affect enhanced expiration rates of RBCs in Australian public hospitals included, for example, the absence of a hospital

transfusion committee, a high ratio of average stock levels, and premature cross matching of RBCs.

QUANTITY NOT SUFFICIENT (QNS)

Many facilities elect not to use red cells in such situations where the ratio of anticoagulant to red cells is altered & therefore platelets & plasma cannot be made from low volume collections. Therefore, these units also add up to the discarded units in blood banks.

TRANSFUSION TRANSMITTED INFECTIONS (TTI)

In order to lessen the hazard of the transmission of infection through the route of transfusion, following measures must be taken in blood bank:

1. All whole blood and aphaeresis donations must be screened for evidence of the presence of infection prior to the release of blood and blood components for clinical or manufacturing use such as outsourcing of plasma.
2. Screening of all blood donations should be mandatory for the following infections and using the following markers:
    - Hepatitis B: screening for hepatitis B surface antigen
    - Hepatitis C: screening for either a combination of HCV antigen-antibody or HCV antibodies
    - HIV-1 and HIV-2: screening for either a combination of HIV antigen-antibody or HIV antibodies
    - Syphilis (Treponema pallidum): screening for treponemal antibodies.
3. Based on local epidemiological evidence, screening of donations for other infections, such as those causing malaria should be done.
4. Screening must be performed using highly sensitive and specific assays that have been precisely evaluated and validated for blood screening.
5. Before additional technologies such as nucleic acid testing (NAT) is considered, quality-assured screening of all donations using serology should be organized

6. Only those blood and blood components from donations should be released for clinical or manufacturing uses that are non-reactive in all screening tests for all markers.

Several types of assay have been established for use in blood screening over the past three decades. The assays most frequently in use are designed to detect antibodies, antigens or the nucleic acid of the infectious agent. Nevertheless, not all assays are suitable in all situations and each assay has its restrictions which need to be understood and taken into attention when selecting assays.

BLOOD SCREENING:

Various transfusion transmissible infections can be transmitted through blood transfusion. These are –

- HIV
- HBV
- HCV
- Malaria
- Syphilis

HUMAN IMMUNODEFICIENCY VIRUS (HIV)

The human immunodeficiency virus (HIV) is a retrovirus which is an enveloped RNA virus, transmissible by the parenteral route. It is found in blood and other body fluids. Once in the bloodstream, the virus principally infects and replicates in lymphocytes. The viral nucleic acid persists by integrating into the host cell DNA. As HIV is stable at the temperatures at which blood and individual blood components are stored & it can be present in the bloodstream in high concentrations, the virus may be present in any donated blood from an HIV-infected individual. Infectivity estimates for the transfusion of infected blood products are much higher (around 95%) than for other modes of HIV transmission owing to the much larger viral dose per exposure than for other routes.[38]

Since the identification of specific antibody is still the most reliable screening method, all screening strategies should engage, at least, the

detection of antibody. They should preferably also employ the detection of antigen. Antibody may be detected approximately three weeks after infection and approximately six days after antigen is first detected.[39] HIV p24 antigen may appear from 3 to 10 days after viral RNA[40] and its detection in the blood can further reduce the serological window period by 3 to 7 days before antibody detection.

Screening for anti-HIV has been the basis for blood screening since the mid-1980s and HIV serology is therefore well understood. It is not sufficient to rely on an HIV-1 specific assay to detect all cases of HIV-2 although there is cross-reactivity between the main virus types (HIV-1 and HIV-2), since the early 1990s, anti-HIV assays have included specific antigens for both HIV-1 and HIV-2. However, the use of antibody-only assays has been outdated by the use of combination HIV antigen and antibody assays (combined HIV p24 Ag and anti-HIV-1+anti-HIV-2), wherever possible. By reducing the serological window period, these provide an enhanced level of sensitivity in early infection over antibody-only assays.[41]

Viral RNA can be detected approximately 7 to 11 days after infection: i.e. when the results of HIV antigen-antibody assays are negative, but HIV RNA detection is positive. The detection of HIV RNA can decrease the risk of HIV being transmitted through the transfusion of infected blood donated during the serological window period of antigen and antibody assays.

HEPATITIS B VIRUS (HBV)

Hepatitis B virus (HBV) is a member of the hepadnavirus group and it is an enveloped DNA virus.HBV is also communicable by the parenteral route and may be found in blood and other body fluids. Once in the bloodstream, the virus travels to the liver where it replicates in hepatocytes. While HBV is present in the bloodstream, the levels of the virus itself are variable. In recently infected individuals, viral DNA is normally present, although not always at high levels. Chronically infected individuals may either be infectious (viral DNA present) or non-infectious

(viral DNA absent) and viraemia would normally be expected to be very low or absent entirely. Screening for hepatitis B surface antigen (HBsAg) indicates infection with HBV, but does not in itself distinguish between recent and chronic infections.

The use of unscreened HBV-infected blood and blood products will result in the transmission of HBV in the vast majority of cases. In general, the earlier in life that HBV is acquired, the more likely the individual is to develop chronic infection which then has a higher probability of progressing to cirrhosis and hepatocellular carcinoma.

A number of different serological markers develop during the course of infection, including hepatitis B surface antigen (HBsAg) and hepatitis B core antibody (anti-HBc). In addition, HBV DNA can be detected in the majority of cases, although in HBsAg negative phases of infection the DNA levels are generally relatively low and the viraemia might be transient.

HEPATITIS B SURFACE ANTIGEN

Hepatitis B surface antigen is the prime indicator used in blood screening programs. It usually appears within three weeks after the first appearance of HBV DNA and levels rise rapidly.[42] It can thus be detected simply by most of the highly sensitive HBsAg assays available. The presence of HBsAg may indicate current or chronic infection and thus potential infectivity. Most blood transfusion services screen donated blood for HBsAg by means of sensitive immunoassays.

HEPATITIS B CORE ANTIBODY

Antibody to hepatitis B core antigen is formed later in acute infection, after the appearance of HBsAg, and signifies the start of the immune response to HBV infection. In general, anti-HBc persists for life, irrespective of whether the infection resolves or progresses to chronicity. In the vast majority of cases of hepatitis B, the detection of anti-HBc has limited value as HBsAg is already present. In some cases, however, during the resolution of the infection, HBsAg may decline to below noticeable levels.

Although anti-HBs usually then appears relatively rapidly, there may be a short period of time prior to its appearance when anti-HBc is the only detectable circulating serological marker of infection, even though the individual may still have low viraemia and would thus be potentially infectious.

HEPATITIS B VIRUS DNA

The detection of HBV DNA further reduces the risk of HBV transmission through the transfusion of infected blood donated during the acute window period: i.e. when the results of HBsAg assays are negative, but HBV DNA is positive.[43] Low levels of HBV DNA have also been detected in the blood of individuals after the resolution of acute HBV infection and the disappearance of HBsAg or in so called chronic occult HBV infection.[44]

HEPATITIS C VIRUS (HCV)

Hepatitis C virus (HCV) is a member of the Flavivirus group and is an enveloped RNA virus. It is transmissible by the parenteral route and may be found in blood and other body fluids. Once in the bloodstream, the virus travels to the liver where it replicates in hepatocytes, resulting in a similar picture to that seen with HBV infection. While HCV is present in the bloodstream, the levels of the virus itself are variable. In recently infected individuals, virus is normally present. However, only around 70% of chronically infected individuals are viremic and the length of time that viraemia persists is not fully understood. However, it is expected that most HCV infected donations would contain virus and thus be infectious.

HCV ANTIBODY AND ANTIGEN

HCV antibody becomes detectable approximately 30 to 60 days after infection. Viral antigen usually appears between 0 and 20 days after viral RNA first appears. Antibody is generated and can be detected between 10 and 40 days after antigen is first detected. The serology of HCV is still not fully understood. Serological screening has been highly effective in significantly reducing the transmission of HCV through the route of transfusion. Until recently, anti-HCV has been the prime serological

marker for blood screening in blood banks. However, in the course of early infection, the HCV antigen can be detected in the peripheral blood earlier than antibody. HCV antigen assays, both antigen only and combined antigen-antibody, have been commercially available for a number of years. These have been introduced in some countries to improve the overall effectiveness of serological HCV screening.[45]

HEPATITIS C VIRUS RNA

Viral RNA is generally detectable within a few weeks of infection and persists for 6–8 weeks prior to antibody seroconversion.The detection of HCV RNA may further reduce the risk of HCV transmission through the transfusion of infected blood donated during the window period of antigen and antibody assays: i.e. when the results of HCV antigen-antibody assays are negative, but HCV RNA is positive.[46]

SYPHILIS

Syphilis is caused by the bacterium Treponema pallidum. It is communicable by the parenteral route and may be found in blood and other body fluids. Once in the bloodstream, the bacteria spread throughout the body. A primary lesion called as Chancre usually occurs about three weeks after exposure, although the duration may be shorter in cases of transfusion-transmitted infection where the organism enters the bloodstream directly. Syphilis is endemic in many parts of the world. While T. pallidum may be found in the bloodstream, levels are variable, even in acute primary syphilis, and the bacteremia is often short-lived. The treponemes are relatively fragile, in particular being heat-sensitive; storage below +20°C for more than 72 hours results in irreparable damage to the organism such that it is no longer infectious. Thus, although clearly potentially infectious, the risk of transmission through the transfusion of blood and blood components stored below +20°C is very low. Blood components stored at higher temperatures (above +20°C), such as platelet concentrates, or those not stored at lower temperatures for any length of time, such as blood collected and used within 48 hours, present

a significantly higher risk of transmitting syphilis. Thus, although the risk of transmission of syphilis from unscreened donations is variable, the screening test is nonetheless considered essential as most blood transfusion services provide some blood components that are either stored above +20°C or are not stored below +20°C for sufficient time to kill any organisms present.

Thus, effective quality systems are essential for the overall effectiveness of the blood screening programme and to minimize the transmission of infection through the route of transfusion. Quality systems should not be limited to laboratories only, but should encompass all activities of the blood transfusion service to ensure that all donations are screened correctly and handled appropriately before and after laboratory testing. The implementation of quality standards will ensure the safety and clinical efficacy of blood and blood products for patients as well as protecting the health and safety of staff. Quality systems are crucial for the overall effectiveness of all aspects of the screening programme and in assuring the quality, safety and efficacy of all blood and blood products.[47]

Key elements of a quality system for blood screening include organizational management, quality standards, documentation, traceability, training, assessment and maintenance and calibration. All screening tests should be performed in accordance with defined quality requirements, and all blood donations and blood components prepared from them should be handled appropriately before, during and after laboratory testing. It is the responsibility of the blood transfusion service as well as individual laboratories to implement these standards consistently. A quality system in a laboratory defines all processes and procedures that should be put in place to ensure effective blood screening. Its implementation minimizes errors and ensures that:

- Appropriate tests are performed on the correct samples
- Accurate results are obtained

- Only screen non-reactive blood and blood components are released for transfusion or manufacturing use
- Screened blood and blood components are available in the blood inventory at all times

SCREENING ASSAYS AVAILABLE IN BLOOD BANK

The main types of assay used for blood screening are:

A. Immunoassays (IAs)

- Enzyme immunoassays (EIAs)
- Chemiluminescent immunoassays (CLIAs)
- Hemagglutination (HA)/particle agglutination (PA) assays
- Rapid/simple single-use assays (rapid tests)

B. Nucleic acid amplification technology (NAT) assays

Immunoassays are assay systems presented in several formats that may be used to detect antibody, antigen or a mixture of the two. Usually, the simplest antibody detection assays are based on the usage of immobilized antigen which captures any specific antibody existing in the test sample (indirect IA).

Frequently used antigen detection assays are built on the use of immobilized antibody to capture pathogen-specific antigens present in the sample. Immunoassays have a wide area of usage. These can be used in diverse situations from high through-put laboratories with full automation to medium-sized laboratories with semi-automation to small laboratories, such as those in remote areas, which conduct a small number of tests manually.

Enzyme immunoassays (EIAs) and chemiluminescent immunoassays (CLIAs)

Enzyme and chemiluminescent immunoassays are presently the most frequently used assays for screening donated blood for TTIs. The strategy of EIAs and CLIAs is similar and they vary only in the mode of detection of immune complexes formed i.e. production of colour in EIAs and measurement of the light produced by a chemical reaction in CLIAs. Any

of these types of IA with high sensitivity will normally detect the target markers of infection required if they have been correctly evaluated for blood screening and are then used within a quality environment. Both EIAs and CLIAs are appropriate for the screening of large numbers of samples and involve a range of specific equipment. They may also be manufactured specifically to operate on specific dedicated automated systems (closed system). These assays may also be performed either manually or on non-dedicated automated assay processing systems (open system).

PARTICLE AGGLUTINATION ASSAYS (PA)

The basic principles of haemagglutination and particle agglutination assays are the same, irrespective of the type of particles used. Particle agglutination assays detect the presence of specific antibody or antigen in a test sample through the agglutination of particles coated with the complementary specific antigen or antibody respectively. Agglutination assays, chiefly antibody assays, use a range of particles together with red cells (haemagglutination) and inert particles such as gelatin and latex. This use of inert particles has the advantage of decreasing the non-specific reactivity against cross-reacting red cell antigens. PA assays are still used extensively for the detection of syphilis antibodies.

RAPID/SIMPLE SINGLE-USE ASSAYS (RAPID TESTS)

Rapid/simple single-use assays are discrete, individual, disposable assays: i.e. they are used once and discarded. These assays exist in a number of different presentations. The sample can be serum, plasma or even whole blood in some cases. Many rapid tests are based on a form of immunochromatography in which the added sample flows down an inert strip and reacts with previously immobilized reagents. Any positive reaction is visualized as a dot or a band appearing on the device strip. Most of the assays also include a control dot or band that is used to validate the results of each individual device, irrespective of the specific test result.

NUCLEIC ACID AMPLIFICATION TECHNOLOGY (NAT) ASSAYS

As applied to blood screening, Nucleic acid amplification technology (NAT) detects the presence of viral nucleic acid, DNA or RNA, in donation samples. In this technology, a specific RNA/DNA segment of the virus is targeted and amplified in-vitro. The presence of specific nucleic acid indicates the presence of the virus itself and that the donation is likely to be infectious. The amplification step allows the recognition of low levels of virus in the original donor sample by increasing the amount of specific target present to a level that is easily detectable.

There are two types of NAT assays- ID -NAT & Mini-pool- NAT i.e. NAT assays can either be performed on individual donations (ID) or on mini-pools (MP) to detect the nucleic acid of the infectious agent. In addition to NAT assays which target individual viral nucleic acids, multiplex NAT screening assays have been developed which can detect DNA or RNA from multiple viruses simultaneously.

LATE RETURNED BACK BLOOD UNITS IN BLOOD BANK

If a unit of red blood cells or plasma leaves the blood bank, it should be transfused immediately and within 4 hours of leaving the blood bank. If the blood is not to be used for any reason, it should be returned to the blood bank immediately within 30 minutes (limit taken at two hours in our hospital) after issue. Compatibility forms need to be sent to the Blood bank along with unused blood.

The time of arrival, any visible signs of hemolysis/contamination, leakage and blood bag temperature by hand must also be checked. If the unit has any sign of opening or of hemolysis and had been out of refrigerator for more than two hours, the blood unit should not be used for therapeutic purpose. Also, all components issued shall be returned if not infused so that the patient's transfusion record in the blood bank can be modified to accurately reflect products given and to avoid unnecessary charges to the patient. The red cells unit is not accepted if one of the ports is opened. The blood bag should have the labels attached to it which will help to

proper identification of units. Any unit issued is considered transfused and the patient is charged unless the product is returned to the Blood Bank. The Blood Bank will handle appropriate disposal of any returned products which are not suitable for return to inventory.

QUALITY CONTROL OF BLOOD & BLOOD COMPONENTS

Quality Indicators

Quality indicators (QIs) are major tools of QMS for driving continuous quality improvements in organizations.[48,49]

Transfusion Medicine is a discipline of Medical Science that is directly responsible for the collection, preparation, storage, testing, distribution, administration and assessment of effect of blood products, hematopoietic cells, and tissues that are used in treatment. The scope and content of TM have broadened over the past two decades owing to heightened global interest in the quality and safety of blood supply.

Quality indicators foster continuous developments in TM. They also instill confidence in participants in TM as to whether their expected level of quality of TM-care is provided or not. There is therefore persuasive need for QIs in TM especially following the existing importance on the quality and safety of global blood supply. This study has highlighted some major elements fundamental to effective selection, formation, analysis and utilization of QIs for continuous improvement of quality in TM.

NATURE OF QUALITY INDICATORS (QI)

Quality indicators may be categorized as Internal and External QIs:

Internal quality indicators denote intra-institutional (micro-level) quality indicators set up by the institution's managers. The reference baseline / thresholds for comparison of the quality indicators, if not existing, are defined by the Institution internally.

External (National or International or macro-level)) quality indicators are those organized by some external bodies like Agency for Healthcare Research & Quality [AHRQ], the National Committee for Quality Assurance [NCQA], the Joint Commission, the Institute of Medicine [IOM]

etc for practice nationally or internationally by institution(s). External Proficiency Testing and Accreditation Assessments are included in the latter category.

Regardless of whether internal or external, quality indicators may be further classified based on whether they are proposed to monitor the structural, process or outcome of organizational quality. Additionally, QIs may be classified based on whether they focus on pre-analytical, analytical or post-analytical phases of TM facility. Identifying the nature of QIs is valuable while making a choice on the utmost appropriate type of indicator to the institute for a given situation or when interpreting certain QI conclusions.[50,51] Prioritization of QIs selection becomes compulsory to prevent the overbearing workload and cost.

Suitable validation, principles or outline reinforces the selection. Understanding and applying these creates a complete strength in QIs institution. Three yardsticks have been widely applied in prioritizing QIs selection, namely: importance, scientific soundness and feasibility. Many very notable quality-driven national and international organizations such as-the AHRQ, the National Committee for Quality Assurance [NCQA], the Joint Commission, the IOM, the US Department of Health and Human Services, the Australia's National Health Performance Committee, Britain's National Health System, and the German Agency for Quality in Medicine have applied these principles for selecting and prioritizing QIs projects.

These selection considerations are sponsored for the ISBT WPQM and are briefly explained upon:

1. Importance: This standard addresses such facets as the degree of quality measured & its impact on healthcare; its importance to policy-makers and consumers; how it justifiably has circulated its impact among the patient's subgroups; how much potential the indicator measures hold for quality improvement. Thus, based on these considerations, priority may be given to high risk, high volume or problem-prone processes with

potential to impact directly on the quality and safety of transfusion care. Other bases might be customer satisfaction, high cost or compliance with accreditation necessities & standards.

2. Scientific reliability: These reports such concerns regarding the degree to which the characteristic of quality measured is operative & effective. In other words, to what is its clinical logic, evidence-base or suggestion with what the indicator signifies to measure maintained by the literature as a reliable candidate quality indicator. The scientific soundness standard is also concerned with the dependability and properties of what is measured-how reproducible the results are and how much they are free from random error; the extent they allow for control of patient variables; and how easily the results are comprehensible to their users.

3. **Feasibility:** This criterion addresses such aspects as the ease of data collection for the indicator project; how detailed the conditions for the numerators and denominators are; the cost implications relative to the quality value the indicator conveys; the ease with which the data attained can be transformed and demonstrated such that valuable& beneficial decisions can be made from them; and the extent to which information for subgroup analysis is available.

QUALITY INDICATORS IN BLOOD BANK

The following ten Quality Indicators have been defined by NABH. All blood banks are encouraged to capture the data for these indicators. Further, out of these ten, first five Indicators have been mandated for accredited blood bank to monitor and report to NABH every six months.

1. TTI % = $\frac{\text{Combined TTI cases (HIV + HBV + HCV + Syphilis + MP) x100}}{\text{Total number of donors}}$

2. Adverse Transfusion Reaction Rate %= $\frac{\text{Number of adverse transfusion reactions x 100}}{\text{Total number of units issued}}$

(All major and minor reactions to be classified as per NHvPI and reported to blood bank)

3. Wastage Rates = $\frac{\text{Number of blood/ blood components discarded x 100}}{\text{Total number of blood and blood components prepared}}$

4. Turnaround Time (TAT) of Blood Issues =

$$\frac{\text{Sum of the Time Taken}}{\text{Total number of blood and blood components cross matched/reserved}}$$

(Time taken to be calculated from the time the request/ sample is received in the blood bank till the blood is cross matched/ reserved and available for transfusion. Blood Bank shall set upper limits for routine and emergency issues separately)

5. Component QC failures (for each component) =

$$\frac{\text{Number of component QC failures x 100 Total}}{\text{Number of components tested}}$$

6. Adverse Donor Reaction Rate %=

$$\frac{\text{Number of donors experiencing adverse reaction x 100}}{\text{Total number of donors}}$$

7. Donor Deferral Rate % = $\frac{\text{Number of donor deferrals x 100}}{\text{Total number of donations + total number of deferrals}}$

8. % of components = $\frac{\text{Total component issued X 100}}{\text{Total Whole Blood + Component issued}}$

9. TTI outliers %age = $\frac{\text{Number of deviations beyond ± 2SD X 100}}{\text{Total number of batch assays}}$

10. Delays in transfusion beyond 30 min after issue-sample audit by Blood bank every month.

MODELS FOR CONTINUOUS QUALITY IMPROVEMENT

Numerous models or approaches have been employed by organizational management experts to bring about continuous quality improvement in organizations. Particularly notable are the FOCUS-PDCA, the Six-sigma, the Lean and the Lean-Six-sigma.

The FOCUS-PDCA has enjoyed considerable patronage in TM QI projects.[52-54]

FOCUS-PDCA

This model comprises two phases-the 'FOCUS' phase that helps to focus attention at a discrete opportunity to improve, and the 'PDCA' phase that allows for pursuit of the opportunity to improve and assessment of effectiveness or otherwise of the interventions applied.

- **FOCUS** is acronym in which

  F = Find what needs to be improved on;

  O = Organize team with good knowledge in the process;

  C = Clarify the present knowledge of the process;

  U = Understand factors responsible for variations; and

  S = Select interventions that evidently might improve process.

  Conversely, for the **PDCA** acronym,

  P = Plan for changes to cause improvement;

  D = Do the changes initially small-scale as trial;

  C = Check to see if data indicate changes are effective; and

  A = Act to consolidate gains made, implement change if working, and strive to further improve process.

A variety of tools, building blocks or approaches are expedient for accomplishing the respective steps of the FOCUS-PDCA problem-solving model.

For the 'PLAN' phase of the PDCA these include – brainstorming, flowcharting, evaluation using matrix, use of solution ⁄fault tree. For its 'DO' phase examples include – conflict resolution ⁄ leadership skills, training, experimental designing. For the 'CHECK' phase are data-sheets, control charts, key performance indicators. For the 'ACT' is process delineation and standardization, training, reference standards, guidelines, benchmarks or thresholds are relevant.

SIX-SIGMA

Six-sigma is a commonly used quality improvement model in business establishments that is now making steady in-road into TM [55-57]. Originated by Motorola Inc., USA, it pursues to advance performance through recognizing causes of process defects or errors and removing them. Two sigma methods each well-defined by steps equivalent to the PDCA cycle steps have largely been active in these studies. The abbreviations DMAIC and DMADV are used to characterize the definite steps of the two practices.

DMAIC stands for the following:

D = Define the problem against the backdrop of customer and organizational goals;

M = Measure key elements of the existing process;

A = Analyze data and determine cause and effect associations;

I = Improve existing process with findings;

C = Control the enhanced process against future variations.

On the other hand, **DMADV** implies as follows:

D= Describe design goals that are consistent with customer demands and the planned goals of the organization;

M= Measure and distinguish features that critically reinforce quality and risk to products and processes;

A= Analyze to develop and design substitutes, create a high-level design and evaluate design capability to select the best design;

D= Design details, optimize the design, and plan for design verification;

V= Verify the design, set up pilot runs, implement the production process of the two methodologies, DMAIC is relevant for existing process improvement whereas DMADV is used for new design process optimization.

LEAN AND LEAN-SIGMA

Lean is yet additional improvement model that is fast advancing into TM .[58,59]Originated by Toyota Inc., Japan, this model is basically pitched

towards refining process / product / service flow and removes waste by recognizing and eliminating non-value-added steps while still meeting or exceeding customer expectation. Thus, lean is about increasing customer value while curtailing waste. By implementing Lean in TM, not only could it eliminate waste throughout the whole operational system, it could lead to fewer investment in cost, human／material resources, time, space whilst simplifying and refining the processes resulting in low cost of production and fast through-put times. A number of healthcare organizations including some TM establishments have combined the Lean and Six Sigma concepts to obtain better quality enhancement effects. Such a combination is known as Lean-Sigma. The Lean Six Sigma approach draws from the philosophies, principles and tools of both Lean and Six - sigma. However, Lean Six Sigma's goal is growth & development, not just cost-cutting. Its aim is effectiveness, not just efficiency. In this way, a Lean Six Sigma approach urges organizations not just to do things better but to do better things.

DATA COLLECTION, ANALYSIS AND DISPLAY FOR QUALITY INDICATORS

Data are a chief building block for QIs. The nature of the data, how they are collected, analyzed, presented and how their properties are assessed are of vital importance for the correct decisions to be drawn and hence for accomplishment of QIs projects. Data for QIs typically are attained from predictable causes, conferences& meetings, approval surveys, measurements, remarks as well as various types of reports. Such sources have to be consistent. Computers are complete asset for storage, timely recovery, analysis and presentation of large QIs data. Manual collection, examination and demonstration of data is achievable although slower and less precise than by use of the computer. A noteworthy tool that could simplify manual data collection is the 'Check Sheet'.[60] This organized sheet is useful for gathering and analyzing data particularly of observational, frequency, or defect-enumeration type studies concerning

repeat data collection by same persons at same location. Data collected for QIs have to be analyzed to produce correct interpretations. Statistical tools are often found beneficial but must be used properly. Some such statistical tools include-Histograms, Run / Control / Pie / Pareto charts, scatter plots, cause and effect diagrams, tests of significance as well as analysis of variance. Investigation of data must therefore involve individuals with essential knowledge, skills, appropriate practice and understanding. TM personnel must therefore obtain at least basic training in statistics. This means that at staff level, they would be able to use these statistical tools to display QI data such that transforms the data into meaningful data upon which suitable conclusions can be grounded. In the event that analysis of QI data discloses unexpected significant undesirable disparity that creates sentinel event, sharing such information with national hem vigilance/biovigilance/serious hazards of transfusion group needs to be measured since such could reveal aspects of TM quality to be ranked for national or global monitoring.

INITIATING STIMULUS AND EFFECTIVE LEADERSHIP

The establishment of quality indicators never happens accidentally. They are triggered to happen. The initiative has to come from somewhere. Effective management, leadership and appropriate initiative are essential building block for establishing QIs. At institutional level, the leadership and initiative typically come from the Institution's management. At national / international level, numerous quality-driven organizations frequently accomplish this role. The ISBT by establishing the WPQM has taken up the mantle of leadership and has provided this desired initiative for the institution of quality indicators for TM. Providing initiative does not suffice in itself, however. The initiating body has also to provide such essential building blocks for QIs as the funds, education, guidelines, standards, policies, processes and procedures that must guide the identification, implementation, reporting and evaluation of usefulness of QIs and their findings. The institution or national international organization providing the

initiative should furthermore safeguard that the desired leadership skills– organizational, decision-making, team-work, communication, interpersonal, professional competence and emotional intelligence are accessible and at play to guarantee success with quality indicator plans.

EFFECTIVE QUALITY PLAN

Yet another significant building block for quality indicators that follows initiative is the creation of suitable and comprehensive quality plan for the implementation of QI projects. Such strategy should be guaranteed to be in concert with the planned goals and quality viewpoint of the organization. It should not only encompass the policies, processes and procedures to drive QI projects, it should also confirm that the mechanisms or building blocks that catalyze and disclose areas of need for QI introduction are operative within TM organizations. Such catalytic or prompting building blocks that need to be apprehended and analyzed include: complaints, non-conformances, external quality assurance performance, self-assessment／internal audits / internal QCs reports, accreditation reports, feedbacks from customers, near miss events, sentinel events, as well as errors.

IMPLEMENTING RISK-REDUCTION STRATEGIES

Blood institutions must halt at nothing in the effort to predict the incidence of sentinel events or noteworthy unwanted trends / variations. The understanding and utilization of approaches to lessen or prevent these from occurring is of essential value to cultivating quality and reducing costs in any healthcare association. Two major methods for reducing incidence of sentinel events are Cause and effect (Root-cause) analysis and Failure mode and effect analysis (FMEA).

Root-cause analysis (RCA) refers to a systematic, extensive and in-depth scrutiny of a problem with the opinion to eliciting the utmost elementary reason (s) that has given rise to the problem. The ‘Fish bone’ or ‘Ishikawa’ diagram facilitates RCA not only for sentinel events but also the

determination of the cause(s) of errors, defects or variations unveiled through performance of quality indicator schemes. [61]

Somehow equivalent to RCA is the 'Failure mode and effect analysis' (FMEA). The principle of this tool is the primary detection of flaws or defects, determination of cause(s) of the defects and the proactive removal of the cause of the defects resulting in enhanced process and product. Like RCA, FMEA is a convenient approach for handling risks that may have been emphasized by application of quality indicators.[62]

QUALITY ASSURANCE PARAMETERS OF BLOOD & BLOOD COMPONENTS

Platelet Concentrate

Platelet transfusions show an important aspect in the support of hematological, oncological, surgical, and transplant patient. Appropriate utilization of this limited resource commits to most favourable patient care and reduces health care costs. Quality evaluation of platelet concentrate units ensures the supply of quality blood products for efficient patient care and is important in the laboratory evaluation of platelet transfusion response. Unlike red cell or whole-blood components, which are stored at 2 to 6°C, platelets are stored at room temperature i.e. at 20 to 24°C to preserve its function and survival. Such type of storage renders them to be an excellent growth medium for a broad spectrum of bacteria. Numerous aerobic-culture observation studies have established that 1 in 1,000 to 2,000 platelet units are bacterially contaminated.[63] Thus, 2,000 to 4,000 bacterially contaminated units would be anticipated to be transfused per year. Ness et al. from Johns Hopkins University reported a fatality rate of 1 in 17,000 with pooled whole-blood-derived platelets and 1:61,000 with single-donor aphaeresis derived platelets.[64] Similarly, University Hospitals of Cleveland observed a fatality rate of 1 in 48,000 per random platelet unit.[65] The French BACTHEM study documented a death rate due to bacterially contaminated platelets of 7 per 106 (1 in 140,000).[66] Evidence-based prophylactic platelet transfusions are crucial to avoid

catastrophic bleeding in patients.[67] Dr. Scott Murphy and Frank Gardner (1969) proved that platelets could be stored at 22 ± 2°C temperature for up to three days and still maintain their hemostatic function. However, subsequent advancements like the availability of improved storage containers have enabled the provision of better quality and longer shelf life of platelets even up to seven days of storage with continuous agitation.[68] Multiple factors influence the quality of platelets during storage. These include the preparation method, storage bag, and the ability of these bags to exchange gas across its surface. Other important factors affecting their quality are the donor-related biological variables (platelet count and/or total mass), storage temperature, type of anticoagulant used, actual Platelet Count in the bag, and their agitation.[69] In addition, high-platelet quality would be expected to result in improved clinical efficacy determined by count increment, improved hemostasis, and lower risk for adverse reactions in recipients.[70]

The preservation of viable and functional platelets depends on the following factors:

1. Temperature: platelets must be stored at 22-24ºC with continuous gentle agitation in platelet incubator and agitator.
2. PH: should be above 6.0 to 7.2. pH should never fall below 6. A decline in pH causes:
    - Change in shape of platelets from disc to sphere.
    - Pseudopod formation.
    - Release of platelet granules.

The above changes are responsible for low recovery and poor survival of platelets in vivo.

1. Agitation during storage helps the exchange of gases, maintenance of pH, and reduces formation of platelets aggregates. Agitator (flatbed) with 1” to 1.5” strokes at 70 cycles per minutes at 20-24°C gives good results.

2. Plastic bag: Preservation of pH and function of platelets depend on the permeability of the storage bag to oxygen and carbon dioxide. Maintenance of pH and function of platelets on storage depends upon permeability of storage bag to oxygen and carbon dioxide. Platelets are stored in bags made of standard polyvinylchloride (PVC) with Di-(2-ethylhexyl) phthalate (DEHP) plasticizer up to 72 hrs at room temperature (20-24°C). New plastic bags made of polyolefin with no plasticizer, or thin walled PVC with Tri - (2-ethylhexyl) trimellitate (TOTM) plasticizer maintain pH level and platelet function up to about 7 days but it is recommended to use them within 5 days from the date of collection of blood.
3. The pooled platelets can be stored for 4 hours at 22- 24ºC before they are transfused.
4. Platelet incubators should have a system to monitor and record the temperature uninterruptedly. Temperature recording charts should be changed regularly. They should also have alarm systems with audible signals. These facilities should have battery backup.
5. Platelet count should be between 6-9 × 10^{10} in 40-70 ml plasma.

According to AABB criteria, the platelet yield and pH parameters of 90% units and the sterility of 100% units should meet the prerequisites. As per DGHS standards, 75% units should meet the prespecified quality requirements against platelet count, residual leukocytes, and red blood cell (RBC) contamination, whereas all 100% units should meet the criteria against pH, volume, swirling, and sterility.

QC of platelet concentrate prepared from 450 ml of blood by Buffy coat method		
Parameter	**Quality requirement**	**Frequency of control**
Volume	70-90 ml	4 units per month
Platelet count	6-9 x 10^{10}	4 units per month
pH	6.0	4 units per month
RBC contamination	Traces to 0.5ml	4 units per month
WBC contamination	10^{7} to 10^{8}	4 units per month

FRESH FROZEN PLASMA

Plasma separated from whole blood, frozen within 6-8 hours of collection and stored at -20˚C or below is defined as fresh frozen plasma (FFP). Usually 175- 250 mL of FFP is separated from standard donation of whole blood (450mL), containing 70-80 units/dl of factor VIII, factor IX, von Willebrand factor and other plasma clotting factors. As per standard guidelines, for quality assurance of FFP, 1% of all the units prepared or 4 units per month are tested for stable coagulation factors (200 Units of each factor); Factor VIII - 0.7 Units/mL and Fibrinogen levels 200- 400mg.Study and monitoring of regular monthly quality analysis of FFP is important for a tertiary care centre so that quality product is provided to the patients in need.

QC of FFP		
Parameter	**Quality control**	**Frequency of control**
Volume	200-220 ml	4 units per month
Stable coagulation factors	200 units of each factor	4 units per month
Factor VIII	0.7 units/ml	4 units per month
Fibrinogen	200-400mg	4 units per month

LEUCOREDUCED PACKED RED CELL

Leukocytes in blood components can cause:

- Non-hemolytic febrile transfusion reaction (NHFTR)
- Human leukocyte antigen (HLA) alloimmunization
- Transmission of leukotropic viruses (Cytomegalovirus (CMV), Epstein- Barr virus (EBV) and human T-cell lymphotropic virus type 1 (HTLV-1)
- Transfusion related Graft versus host disease (TA-GVHD)
- Transfusion related acute lung injury (TRALI)
- Transfusion related immunomodulation(TRIM)

Reducing the leukocytes content to less than 5×10^{8} in one unit of RBCs prevents most of the non-hemolytic febrile transfusion reactions. For other complications such as preventing transmission of CMV or alloimmunization to HLA antigens, leukocytes content must be reduced to less than 5×10^{6} in a unit of RBCs.Leukocyte reduction has been used with considerable success to prevent FNHTR but at times post storage leuko-reduction is not much effective as cytokines generated by leukocytes during storage can cause FNHTR. Donor lymphocytes engrafting in the recipient and reacting against host antigens may cause GVHD. The reaction between leukocyte antigens and antibodies can

result in leuko-agglutination, aggregates of white cells being trapped in the microcirculation of the lungs, causing pulmonary edema, that is transfusion related acute lung injury (TRALI). In most of the cases of TRALI, leukocyte antibodies in previously sensitized transfusion recipient react with leukocytes in transfused blood or plasma, or reverse to it that is, leukocyte antibodies in blood or plasma react with the recipient's leukocytes forming leukocytes aggregates which are trapped in the microcirculation of lungs causing TRALI.

Approximate Residual Leukocytes in Cellular Blood Components:

Fresh whole blood	10^9
Red blood cell concentrates	10^8- 10^9
Buffy coat-depleted red cells	10^8
Red cells, leukocyte-reduced by filtration	$<10^7$
Washed red cell concentrate	10^7
Deglycerolized red blood cell	10^6- 10^7
Platelet concentrate	$<10^7$

Micro aggregate filters are polyester or plastic screen filters with a pore size of 20-40 micron which trap most of the micro aggregates composed of white cells, platelets, and fibrin threads that form in blood after 5-6 days of refrigerated storage. These micro aggregates pass through standard blood filters and are trapped in micro-circulation of lung causing TRALI. The effectiveness of microaggregate filters of leukoreduction is increased by cooling the unit at 40 degree C for 3-4 hours after centrifugation and before filtration. Filtration of this type usually give a 1 -2 log reduction (90-92%) of leukocytes in traduce the incidence of NHFTRs only but does not achieve other goals of leuko-reduction. Newer leukocyte-reducing filters (third generation) use selective absorption of leukocytes or leukocytes and platelets. They are made of polyester or cellulose acetate and will produce a 2 to 4 log (99-99.9%) reduction of the WBCs ($< 5 \times 10^6$). There is very little loss of red cells and the process is quite easy. They prevent all immunization to HLA antigens, CMV transmission, and NHFTRs. QC of

blood products is the available tool to assess the viability of product, and consequently, it can adjust production techniques when necessary.[71] It is mandatory for all PRBCs, must have HCT of ≤80% (in 100% of units collected), as established by the AABB, but they do not recommend or set any lower acceptable limit.[72] However, it seems to be a useful decision to set appropriate range for HCT in the tested PRBCs. Raised PCV (2.0%) is the indirect indicator of faculty technique. Hematocrit of product is an important QC criterion because too high hematocrit will decrease RBC survival in the unit and this will also decrease rate of transfusion in the patient.

QC Of Red Cell Concentrate (From 450 Ml of Blood)		
Parameter	Quality requirement	Frequency of control
Volume	280+/- 40 ml	1 % of all units
PCV	70% +/- 5 %	Periodically
Sterility	By culture	Periodically (1% of all units)

4. CRYOPRECIPITATE

Cryoprecipitate (CRYO) is the cold-insoluble fraction of plasma protein recovered by centrifugation when fresh frozen plasma (FFP) is thawed at 4°C. Although recombinant factor concentrates are readily accessible, in a developing country such as India, CRYO is still an important source of concentrated form of factor VIII. CRYO has approximately 40–70% of the factor VIII and 30–50% of fibrinogen of the starting plasma. As per the Drugs and Cosmetics Act, 1940 and the Rules therein,[73] the anti hemophilic factor VIII activity in the final CRYO product should not be <80

IU/bag. There are no specifications for fibrinogen content in the CRYO product. The quality control criteria set forth by the Directorate General of Health Services (DGHS), Ministry of Health and Family Welfare, Government of India, for fibrinogen levels is 150–250 mg/bag and factor VIII activity of 80–120 IU/bag.[74] Factor VIII is a labile coagulation factor, and all steps of CRYO production should be optimized to prevent a reduction in factor VIII activity.[75,76] Factors such as donor variation in factor VIII levels, time and temperature between donation and start of freezing process, the rate of freezing, and blood group of the donor may affect the factor VIII levels in plasma.[77] Because of its low volume of isoagglutinin and absence of red blood cells, CRYO can be transfused without regard for the ABO group or Rh type of the original unit, though ABO compatibility is preferred in neonates.[78] CRYO is an invaluable source of factor VIII: C in patients with hemophilia by providing a low-volume concentrated source of factor VIII, eliminating problems of volume overload, in situations where factor concentrates are unavailable and/or unaffordable.

QC of Cryoprecipitate		
Parameter	**Quality requirement**	**Frequency of control**
Volume	10-20ml	Occasionally
Factor VIII	80-120 units	Occasionally
vWF	40-70% of original	Occasionally
Factor XIII	20-30% of original	Occasionally
Fibrinogen	150-250mg	Occasionally
Fibronectin	55mg	Occasionally

FINAL TREATMENT OF DISCARDED BLOOD BY AUTOCLAVING

Blood bank regulations and bio medical waste rules of India advocate disinfection of contaminated blood units. Incineration is not recommended due to poly-vinyl chloride (PVC) content of blood bags. Possibly 40,000 -

60,000 units need decontamination being positive for HIV, Hepatitis B, Hepatitis C, suspected bacterial contamination or expiry. As per Indian Bio medical waste (BMW) rules 1998,[79] these units are required to be chemically disinfected or autoclaved prior to disposal and disinfection is often done by hypochlorite or formalin treatment. Chemical disinfection with hypochlorite and formalin is being practiced since incineration of PVC releases dioxins and furans.[80] Disinfection with hypochlorite is economical but albumin, serum, plasma and blood inactivates chlorine.[81] Scientific data to support autoclaving or chemical disinfection for blood units is lacking. Treatment and disposal of blood units unsuitable for use-

- Blood units found to be unsuitable for transfusion or reactive for infection markers, should be promptly removed from the blood stock, and treated and disposed of as soon as possible.
- Autoclave the blood bags under a pressure 2 bar (200 kPa) at a temperature of 121°C for a minimum of 20 minutes.
- Place the blood units in a steel container with a lid or in an autoclavable polythene bag Treated blood units can be disposed off by burying in a secured landfill, with or without shredding.

Autoclave:[82-83]

- Saturated steam under pressure is used to decontaminate infectious material.
- It consists of an insulated pressure chamber in which saturated steam is used to elevate the temperature.
- A pressure of 15psi at 121^{o}C for 30 minutes is required.
- Adequacy of disinfection to be checked with strips of B. Stearothermophilus.

MATERIALS AND METHODS

The prospective study was carried out in the blood bank

1. Place of study : Blood Bank
2. Duration of study : 12 months prospective study

(From 1st January 2019 to December 2019)

SOURCE OF DATA

All blood units collected during the 1-year duration.

METHOD OF COLLECTION OF DATA

1. Informed donor consent
2. Donor screening& counselling- The donors were screened &selected in accordance with the NBTC & NACO guidelines, Government of India regulations, 2017. [84]
3. Phlebotomy & collection of blood in either single (350ml) or; double, triple, quadruple top & bottom blood bags with an in-line filter (450ml) (Terumo Penpol Ltd., Trivandrum, Kerala, India). CPDA as the anticoagulant were used. Under aseptic technique, phlebotomy was done in properly labelled blood bags. Blood collection was completed within 7-8 minutes from the starting time.
4. Donor blood sampling - Blood sampling was done in three ethylene-diamine tetra-acetic acid (EDTA).It was used to type ABO and Rh typing, cross matching (on IMMUCOR NEO), NAT testing (on Cobas s 201 system, ROCHE DIAGNOSTICS) & to perform screening tests for human immunodeficiency virus I and II, Hepatitis C virus, Hepatitis B virus by ECLIA testing (Cobas e 411, ROCHE DIAGNOSTICS).
5. Post collection storage temperature- After the blood collection, the bags were left undisturbed in an air-conditioned room for one hour at 22 ± 2°C.
6. Preparation of blood components: The component preparation was done by following steps:

- The Whole Blood units were properly labelled, weighed and balanced prior to centrifugation and tapped properly to avoid red cell contamination,
- Using refrigerated centrifuge (Cryofuge, Heraeus, 6000 i, Germany), these blood units were separated into packed red blood cells and plasma using the hard spin (3600 rpm for 10 min) at a temperature of 4°C with acceleration and deceleration values of 9 and 4, respectively.
- Whole blood was separated into different components according to their specific gravity:
    - Top layer –Platelet poor supernatant plasma (150-200 ml).
    - Middle layer – Buffy coat, containing approximately 90% of platelets, 70% of WBCs and 10% of red cells.
    - Bottom layer – Packed red cells.

7. Quality control of blood& blood components:

Quality control of Whole blood was assessed using PCV, Total Protein & albumin.

Volume of component bags was calculated using the formula-

$$\text{Volume Vol (ml)} = \frac{\text{(Weight of bag + blood component (g) – weight of empty bag}}{\text{Specific gravity of component}}$$

Specific gravity: Packed RBC = 1.093, Platelets = 1.035, Plasma = 1.030, Whole blood = 1.050

The Platelet Concentrate bag was separated within 6-8 hr from the time of collection of blood. It was prepared using buffy coat method using TACE-II+ Component extractor. The platelet concentrate was left undisturbed at 20-22°C for 2-3 hours, after which it was subjected to low spin centrifugation: 800 rpm for 8 minutes. It was suspended in 40-70ml of plasma & stored at 20-22 degree C with gentle agitation in platelet incubator. Platelet concentrates prepared from Quadruple top & bottom bags were involved for QC analysis in our blood bank.

The quality of the platelet product was assessed on day 5 using the following parameters:

1. Swirling
2. Volume
3. Platelet count & WBC count (Beckman Coulter)

   Platelet Count in bag = Concentration x Volume
4. pH changes (Gem Premier 3500 ABG analyser)
5. Culture & sensitivity (BacT/ALERT)

The Fresh Frozen Plasma was prepared from whole blood using TACE-II+ Component extractor, appropriately labelled, frozen and stored below -40°C for one year. The plasma was expressed into satellite bag with the help of

- TACE-II+ Component extractor (Terumo Penpol, Trivandrum, Kerala, India) in case of Quadruple or Penta blood bag with an in-line filter; or
- Manual plasma expresser for double or triple bags.

QC OF FFP was assessed using:

1. Volume of FFP
2. T.P./Albumin
3. Fibrinogen
4. PT/INR, APTT
5. Factor VIII level testing was not available in the hospital
6. Culture & sensitivity(BacT/ALERT)

   Leucocyte Reduced Red blood cells were prepared using third generation leucocyte filter bags, followed by centrifugation & removal of buffy coat. Following parameters were assessed:

1. Volume
2. PCV
3. WBC
4. Culture & sensitivity (BacT/ALERT)

For preparation of Cryoprecipitate, plasma was allowed to thaw overnight at 2–6°C. Following thawing, the supernatant cryo-poor plasma and the cryoprecipitate were separated by hard-spin centrifugation. The cryo-poor plasma was then expressed into a transfer bag. The two components were refrozen at -40 degree to -70 degree C.

The QC was assessed by calculating Volume, Fibrinogen & culture & sensitivity (BacT/ALERT).

Empty bag culture & sensitivity was also sent for quality control analysis.

Inclusion Criterion

A. Quality control analysis for only those blood units that were negative/nonreactive for HIV, HBV, HCV, Malaria & Syphilis were included for the study. Following Quality Indicators will be analyzed and studied for the purpose of our study:
   1. Percentage of TTI
   2. Wastage Rate or discard rate
   3. Component QC failures (for each component)
   4. Delays in transfusion beyond 2hr after issue(Late returned back/LRB)
B. This study also analysed the various factors responsible for discarding of whole blood & blood components due to inappropriate blood collection & processing, besides TTI positivity. This includes blood units that were underweight, overweight, haemolysed, expired, broken, clotted, lipemic, with RBC contamination of plasma or platelets were also analysed in the study. Subsequently their discard rates were calculated using appropriate formula -

$$\text{Discard rate} = \frac{\text{Number of blood \& blood components discarded} \times 100}{\text{Total no. of blood \& blood components issued}}$$

$$\text{Discard rate} = \frac{\text{Number of units discarded} \times 100}{\text{Total no. of blood \& blood components stored in the blood bank}}$$

Exclusion Criterion- Donors with history of fever, jaundice, allergy, donor deferral & adverse donor reactions. Also Apheresis units (Single donor platelets & Single donor plasma) were excluded from the study.

Duration of Study- one-year prospective study

Statistical Analysis-Data will be described in terms of range; mean ±standard deviation (± SD), median, frequencies (number of cases) and relative frequencies (percentages) as appropriate. All statistical calculations will be done using SPSS (Statistical Package for the Social Science) SPSS 21 version statistical program for Microsoft Windows.

OBSERVATION AND RESULTS

A total of 26,768 whole blood donations were taken in the specified time period. The processing of these units resulted in 60,885 blood components including PRBC, Platelet concentrate, FFP, Cryoprecipitate; & 1533 units were taken into the inventory as Whole Blood.

FIGURE 1:- Total Blood donations In the Study Period

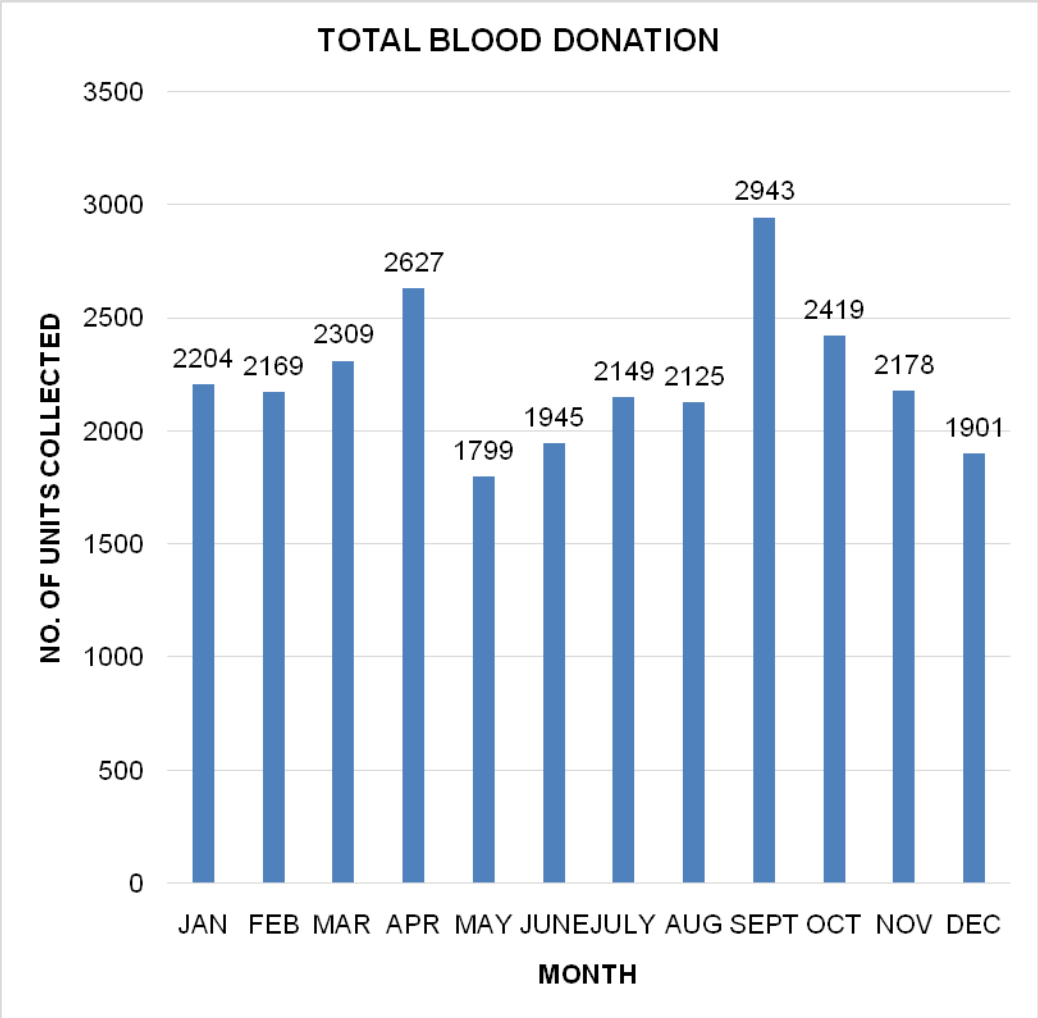


FIGURE 2(i):-Total Collection of Whole Blood (WB) during the Study

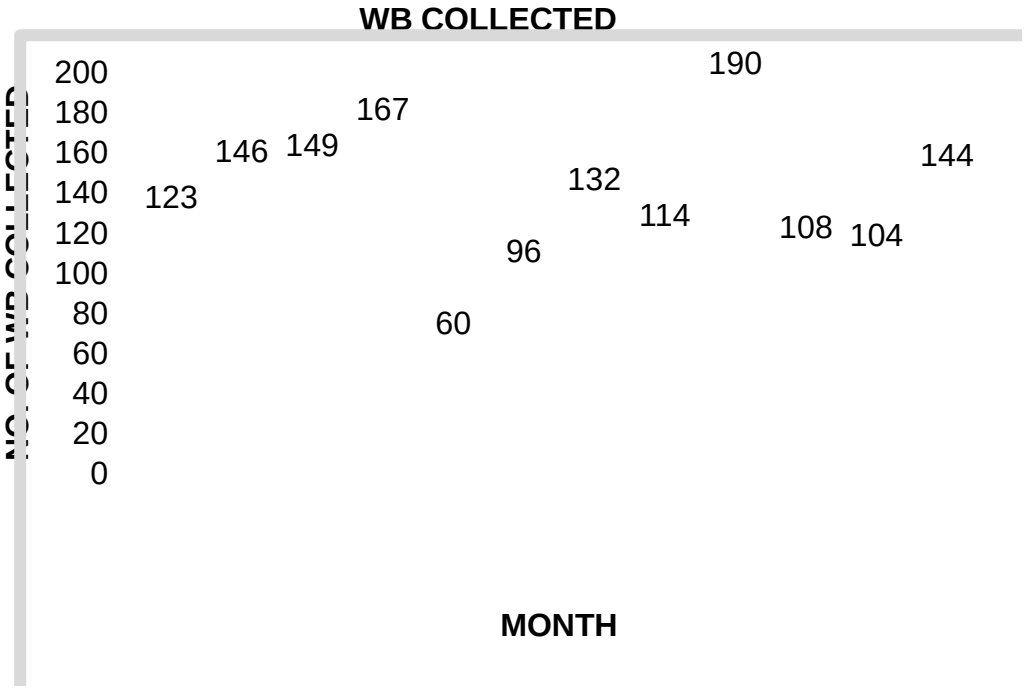


FIGURE 2(ii):-Total Blood Components prepared during the Study

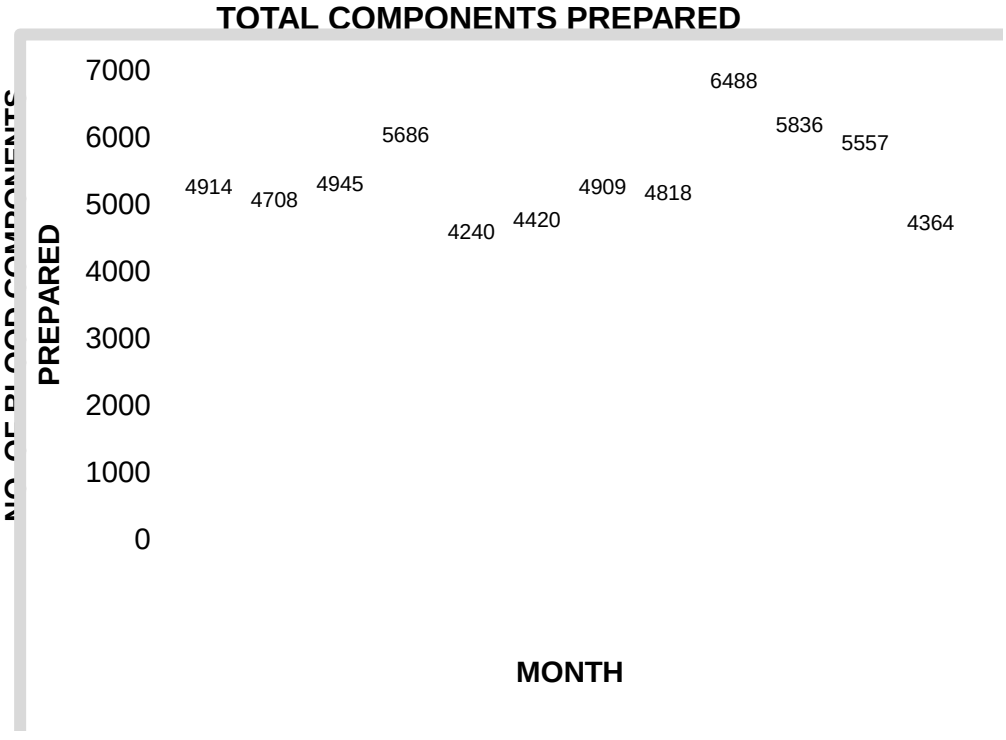


FIGURE 3(i):- Whole Blood Issued

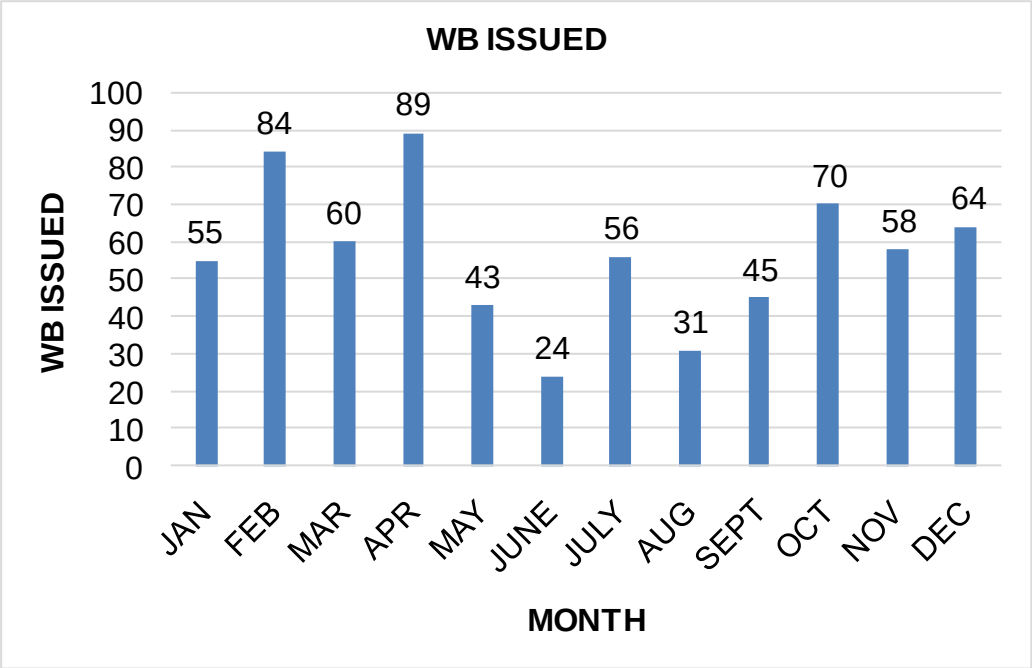


FIGURE 3(ii):- Blood Components Issued

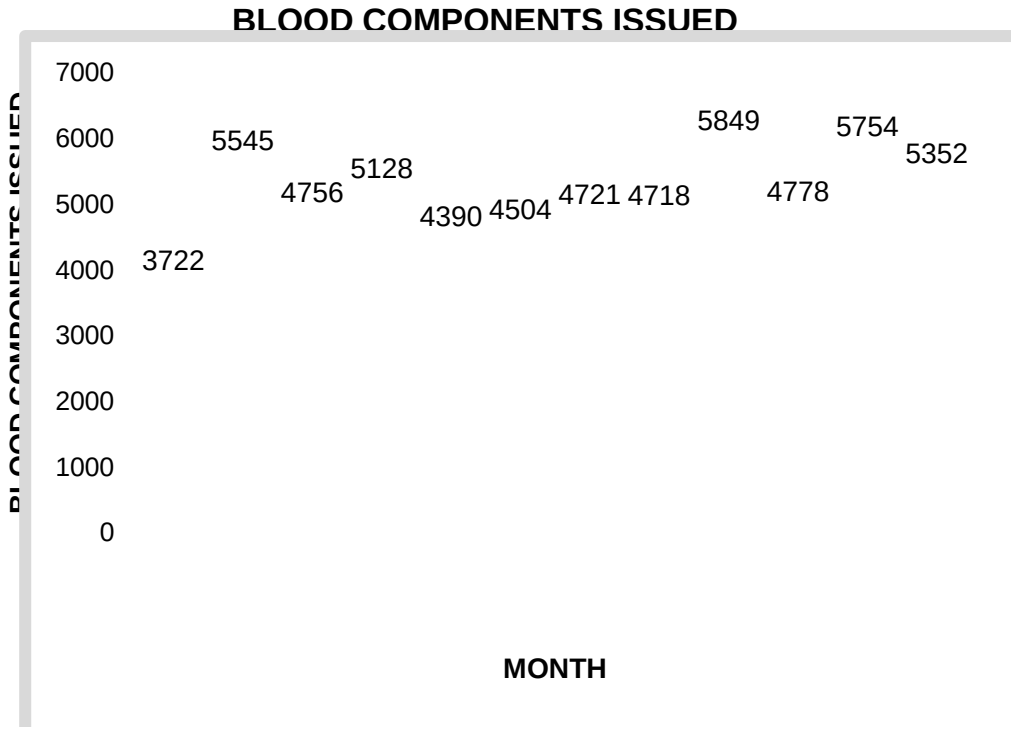


TABLE 4:- Reasons for discard of Whole Blood-

850 units of WB were discarded with a discard rate of 3.17%.

A. 769 units showed TTI positivity for HIV, HBV, HCV, and Malaria & Syphilis. HCV was found to be the most common TTI observed followed by Syphilis. No malaria positive cases were seen.
B. 3 units showed NAT positivity as described below.
C. A combination of TTI known as Co-infection were seen in 14 units; with HCV+HBV being the most common co-infection.
D. Other reasons for discard - 7 units were broken, 13 units were clotted, 12 bags were expired, 4 units were haemolysed, 6 unit's lipemic, 20 units were found to have low quantity (QNS) & 2 units were late returned back (LRB) after 2hr of issue from the blood bank.

Table for reasons of discard of whole blood :-

Reason	**No. Of units**
TTI Positivity (including NAT positivity)	772
Broken	7
Clot	13
Expired	12
Hemolysed	4
Lipemic	6
QNS	20
LRB	2

FIGURE 4(A):- TTI POSITIVITY OF WHOLE BLOOD (WB)

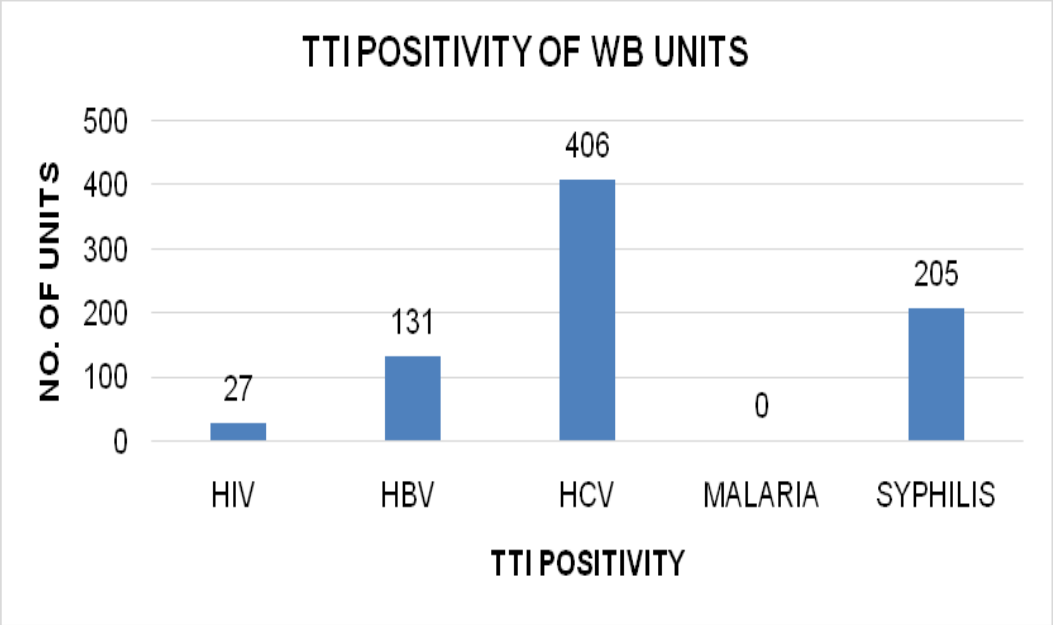


FIGURE 4(B):- NAT POSITIVITY OF WHOLE BLOOD

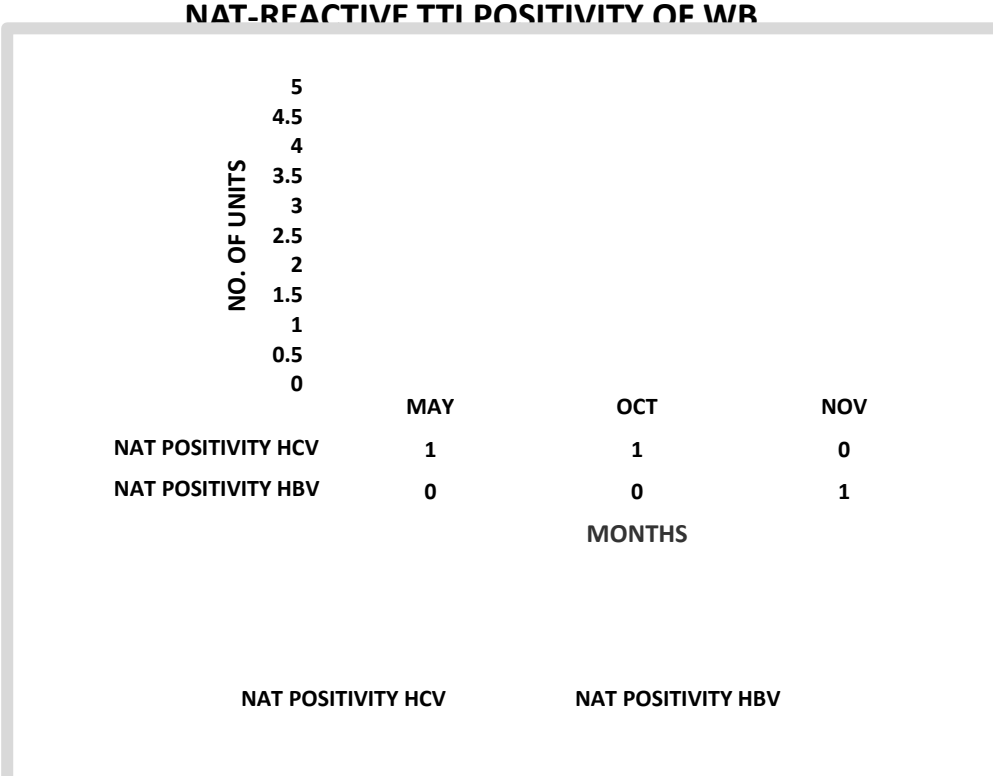


FIGURE4(C):- CO-INFECTIONOF WHOLE BLOOD

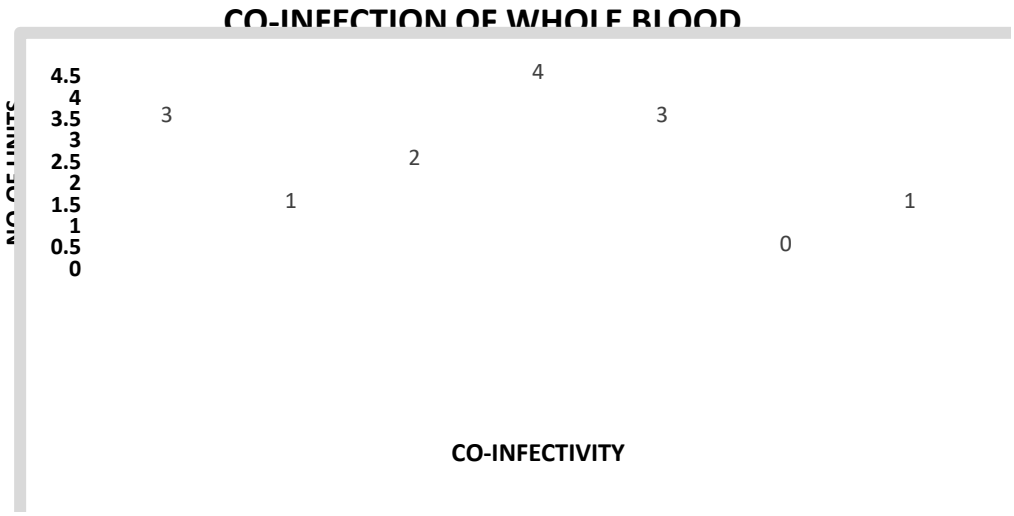


FIGURE 4(D):- OTHER REASONS FOR DISCARD OF WHOLE BLOOD

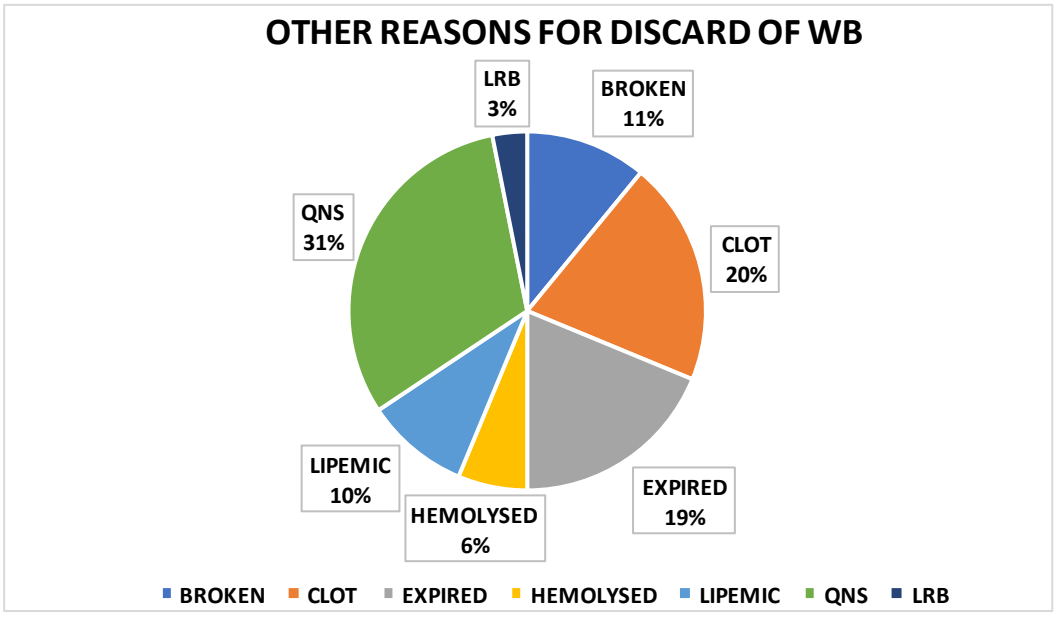


FIGURE 5:- Reasons for discard of blood components

A total of 2566 units of blood components were discarded during the study period. 131 units were broken, 50 units were clotted, 2210 units were expired due to non-utilisation, 12 units were haemolysed during the processing or storage, 32 units showed lipemia, 106 units had low quantity, 2 units were LRB & 23 units showed RBC contamination in platelet concentrate or plasma due to technical errors.

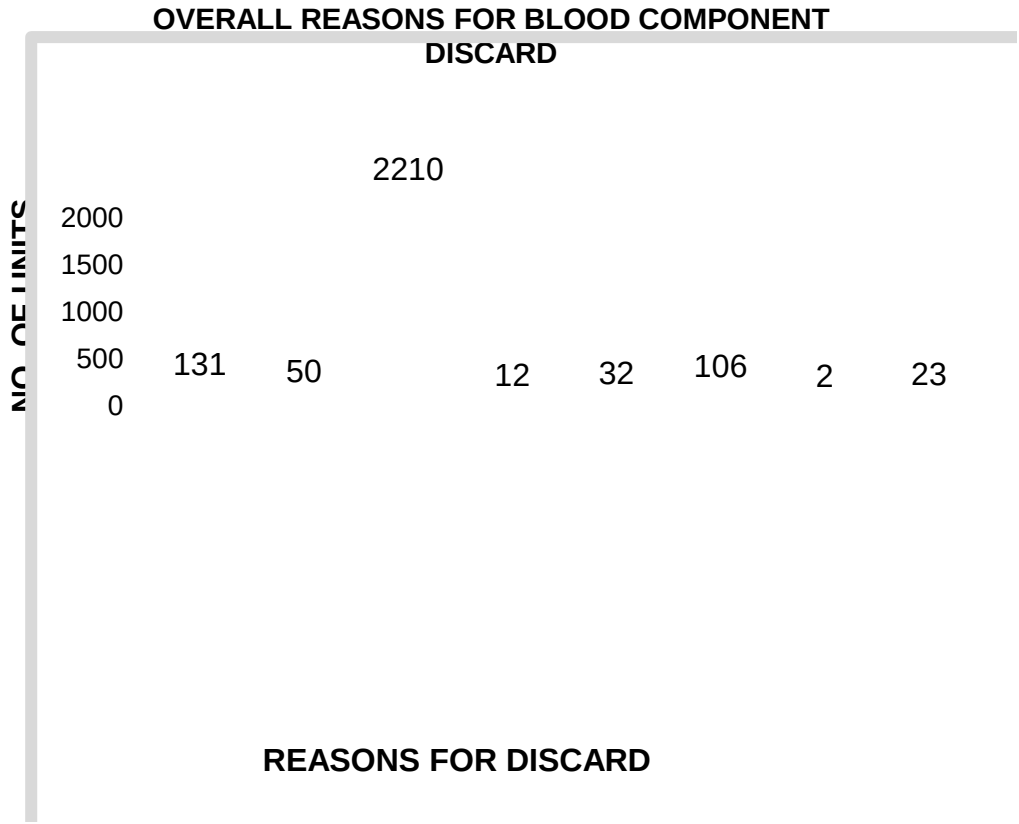


FIGURE 5(A):- PRBC & L-PRBC DISARD REASONS

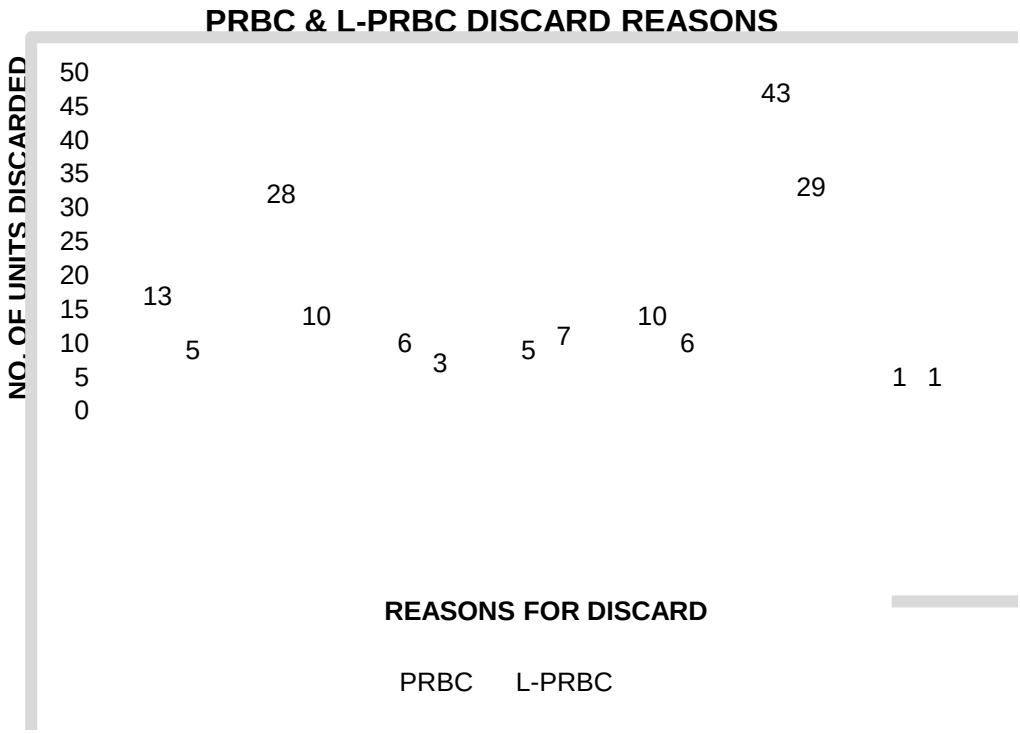


FIGURE5 (B):- DISCARD REASONS OF PLATELET CONCENTRATES

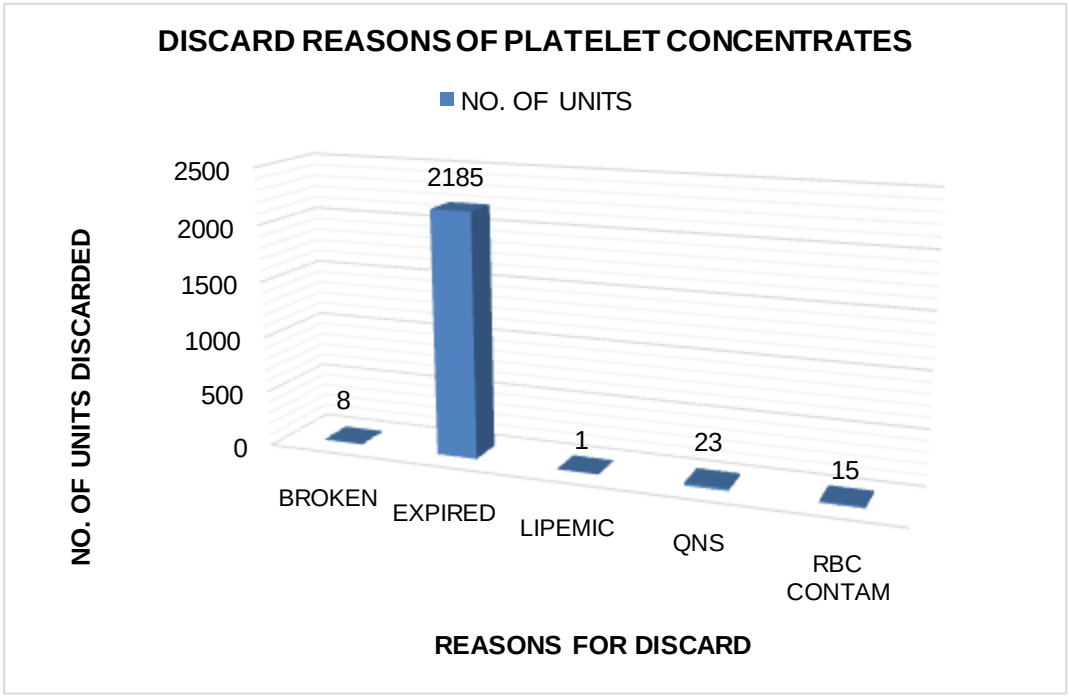


FIGURE 5(C):- DISCARDING REASONS OF FFP UNITS

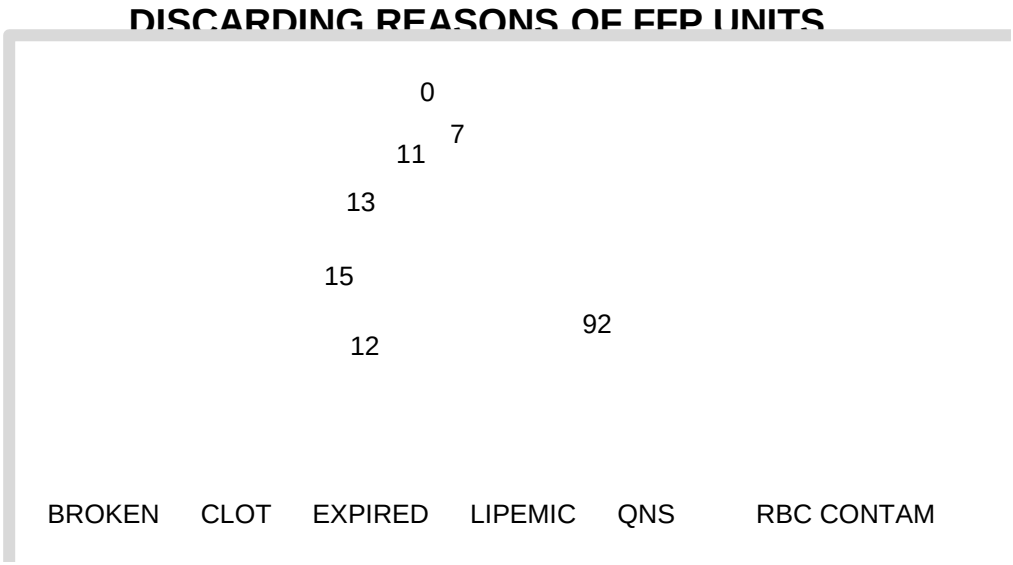


FIGURE 5(D):- DISCARDING REASONS FOR CRYOPRECIPITATE

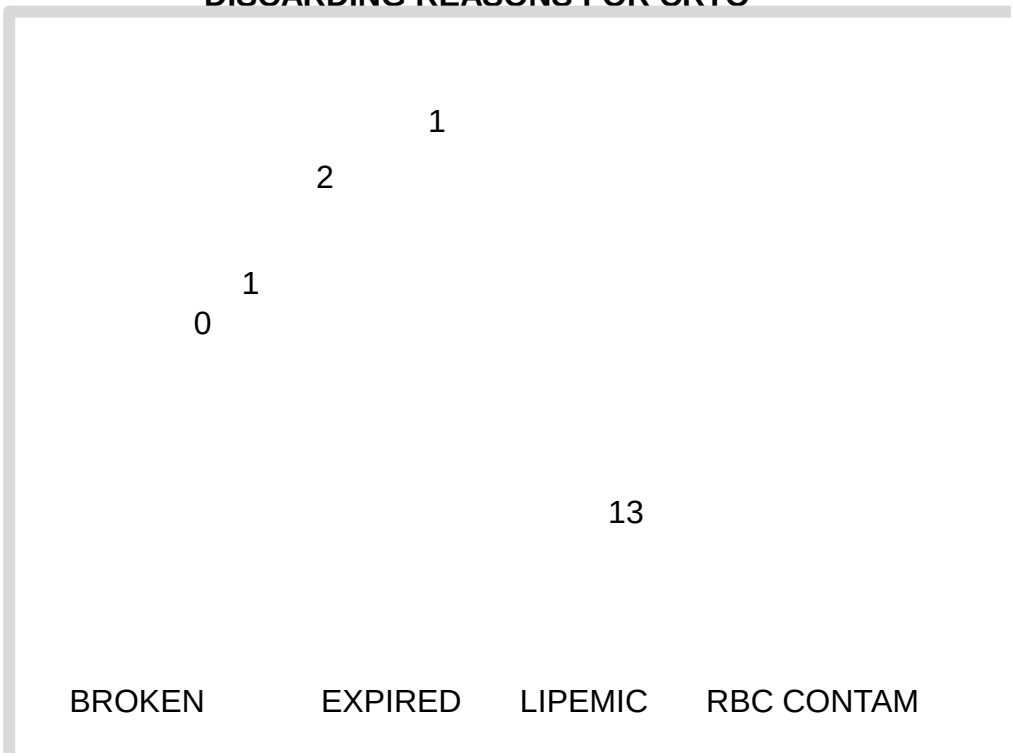


TABLE 6(A):- DISCARD RATE DURING THE STUDY (BASED ON TOTAL SUPPLY OF BLOOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
% WASTAGE OF BLOOD & BLOOD COMP	2	0	0	0	0	0	0	0	0	1	1	0
TOTAL SUPPLY OF BLOOD & BLOOD COMP	3722	5545	4756	5128	4390	4504	4721	4718	5849	4778	5754	5352
DISCARD RATE	0.05	0	0	0	0	0	0	0	0	0.02	0.02	0

FIGURE 6(A):- DISCARD RATE DURING THE STUDY

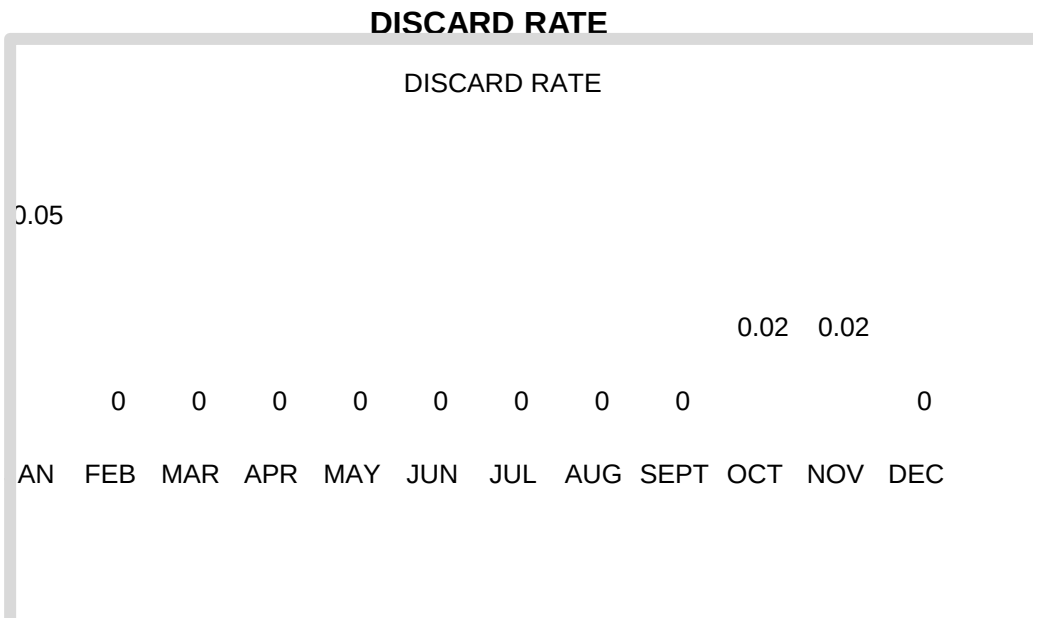


TABLE 6(B):- DISCARD RATE DURING THE STUDY (BASED ON TOTAL STOCK OF BLOOD)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
% WASTAGE OF BLOOD & BLOOD COMP	352	344	334	225	325	174	325	284	242	148	277	378
TOTAL STOCK OF BLOOD & BLOOD COMP	5952	6718	6069	6648	5686	5388	5786	5546	7348	7201	7803	6347
DISCARD RATE	5.9	5.1	5.5	3.4	5.7	3.2	5.6	5.1	3.2	2.1	3.54	5.9

FIGURE 6(B):- DISCARD RATE DURING THE STUDY

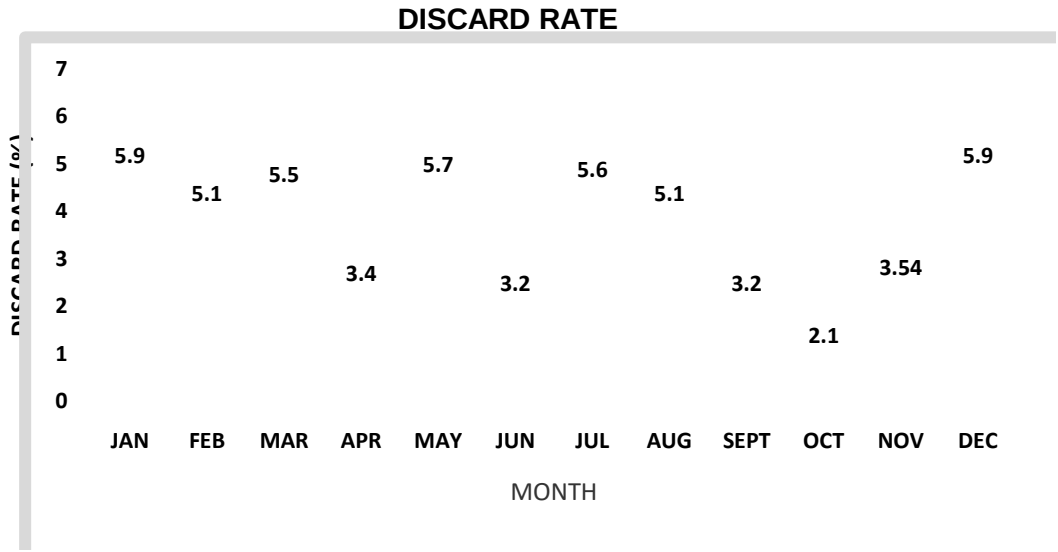


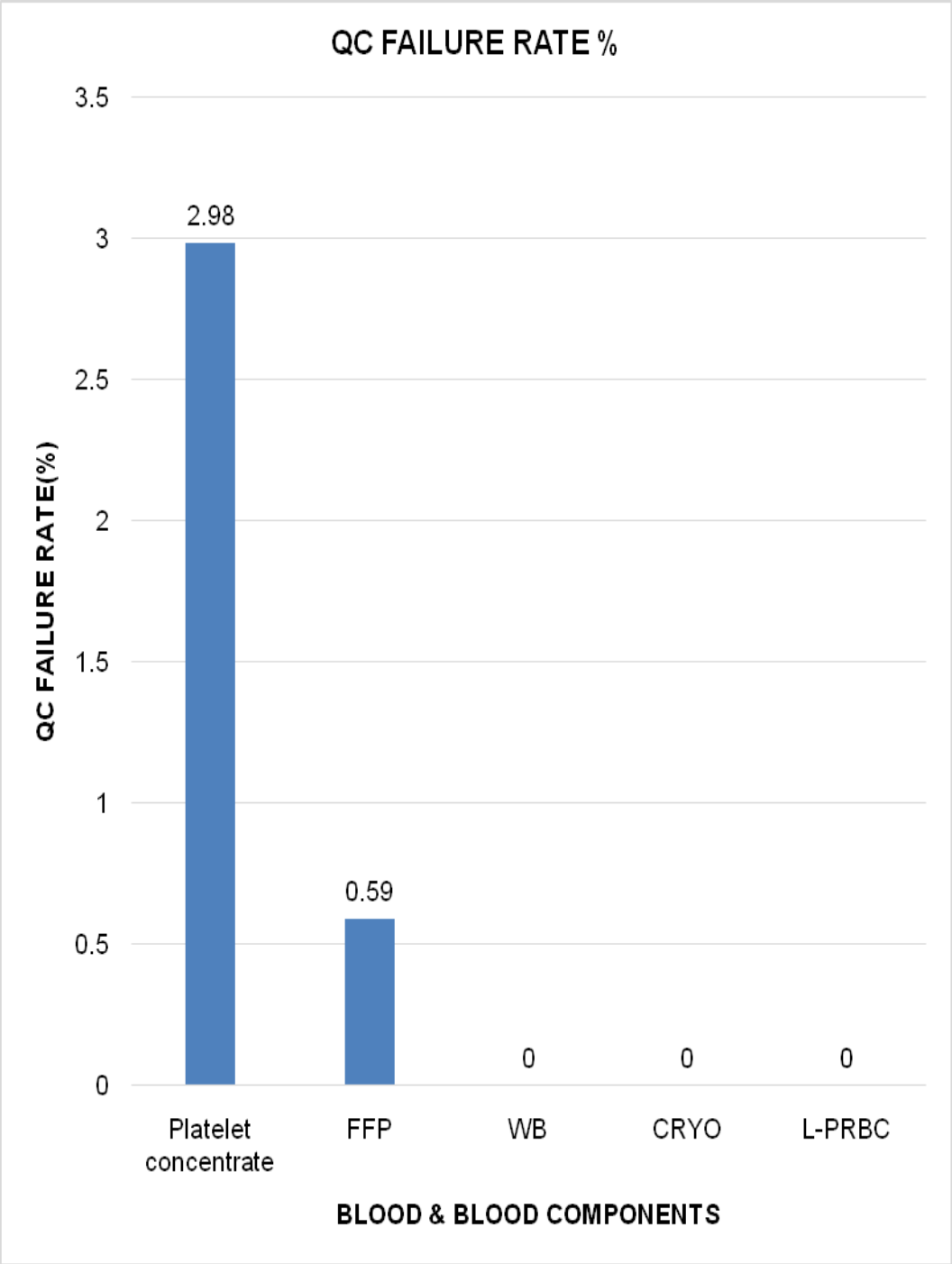
TABLE 7:-QC FAILURE RATE (%) OF BLOOD & BLOOD COMPONENTS

A total of 787 units of WB & blood components were tested for internal QC, comprising of 215 units each of Platelet concentrate, L-PRBC & cryoprecipitate. In QC analysis,

- Platelet concentrate volume was found to be adequate i.e. in between 60-90 ml showing a mean of 80.32 ml. The pH in all these bags were found to be normal (>6.2) & bacterial cultures did not show any growth after 5 days of incubation. The mean platelet count was found to be 7.88 x 10^9/microlitre. However, 11 units showed platelet count QC failure rate of 1.66%. WBC count showed log3 reduction with an average of 7.05 x 10^7 WBCs after prestorage leukoreduction. 14 units showed RBC contamination with QC failure of 1.32% (total QC failure rate of 2.98%).
- All FFP units showed normal volume, albumin, total proteins& fibrinogen content. However, 18 FFP units showed deranged coagulation profile with a QC failure of 0.59%. There was no bacterial growth in cultures tested.
- QC of L-PRBC showed normal HCT with a mean of 60.58%. None of the tested units showed positive culture report.
- All 71 units of Cryoprecipitate tested for QC showed normal volume& fibrinogen content. Culture reports were found to be negative.

Blood & blood components	**QC failure rate %**
Platelet concentrate	2.98
FFP	0.59
Whole blood	0
Cryoprecipitate	0
L-PRBC	0

FIGURE 7:- QC FAILURE RATE (%) OF BLOOD & BLOOD COMPONENTS



DISCUSSION

Discarding of collected blood units is an important cause of wastage of precious resources including financial resources in a transfusion centre. However, from India there has been relatively less attention given to these facts by blood bankers. However, the reason for discard of blood units in India seems to be different in different blood banks. By analyzing the data and the reason for the discards, the BTS can develop plans to improve performance through education and training of staff and introducing new measures in order to minimize the number of discarded blood to a reasonable rate.

Our study found expiry/outdated units to be most common reason for discard (86.12%). This is similar to study done by Jariwala et al and Chavan who also showed outdating to be most common cause of discard. This kind of wastage may be reduced by better management of blood bag collection, storage and utilization.

A similar study done by Deb et al[85] in 2001, it was observed that out of the total collection, an average of 292 (14.61%) blood bags was discarded. Out of these 242(82.87%) bloods bags were discarded due to non-utilization.

Another study in 1639 hospitals done by Novis et al[86] in USA in 2002, the discard rate of FFP ranged from 2-2.5 % & that of RBC ranged from 0.1-0.7.In our study, FFP discard rate was found to be 0.60% during the one-year study.

Similarly, Thakare et al[87] conducted a study from 2005-2007 in blood bank of Government medical college, Aurangabad, India. It was found that on average 3.58% units of blood were discarded over a period of 3 years. The reasons for discarding of blood was found to be TTI positivity (68.86%), out of which the most common TTI was hepatitis B (49.82%) followed by HIV (10%) &HCV (8.7%).At our center, a total of 769 units of WB bags were found to be TTI positive with HCV infection (52.7%) being the most prevalent, followed by Syphilis (26.65%) & HBV (17.03%).

Even after being a population of 1.2 billion, India still has a deficit of 3 million blood units every year. A lack of voluntary donors may lead to use of paid/professional donors who may be more likely to be living with HIV/HBV/HCV. The varying frequency of TTIs can be attributed to many factors including the socioeconomic conditions, age, sex distribution & lack of health awareness. Co-infection occurs due to common modes of transmission.

In 2005, Chitins et al[88] at Indore conducted one study in Choithram Hospital and Research Centre. It was found that most of the blood bags (10%) were discarded due to TTI seropositivity for hepatitis B, HIV or HCV infection.

Study done by Morish et al[89] (January- December 2007) in National blood center, Kuala Lumpur revealed that out of a total of 390,634 whole blood & blood components prepared, 8968 (2-3%) blood units were discarded. The overall rate of discarded blood and blood components in NBC was 2.3% (8968 of 390634). The rate of discard for platelet concentrate was the highest at 6% (3909 of 65095). The rates of discard for whole blood, FFP, and cryoprecipitate were 3.7% (647 of 17616), 2.5% (2839 of 113793), and 2% (620 of 30937), respectively. In our study, discard rate of WB was found to be 3.17% while that of blood components were-PRBC (0.42%), L-PRBC (0.78%), Platelet concentrate (21.30%), FFP (0.60%) & cryoprecipitate (8.99%).

A comparative analysis of blood component usage and wastage was performed in the Nukem Blood Bank and Rotary Suzlon Blood Component Center, Haria L. G. Rotary Hospital (Vapi) during 2007 and 2008. The maximum wastage was found to be for PC.The maximum numbers of PC units discarded were due to expiry (82.01%), followed by HBsAg positive, high bilirubin and high lipid content. The major reason for discard of PRBCs was expiry followed by positive detection of HBsAg and high bilirubin content. The most common reason for discard of FFP was breakage followed by high lipid content, RBC contamination, HBsAg

positivity and high bilirubin. The main reason for discard of WB was quantity not sufficient (QNS), expiry, detection of HBsAg positive and HCV positive.

Gauravi et al[90] ,Gujarat, India founded that 226(2.86%) blood bags were discarded because of seropositivity for TTI against 7882 blood begs collected in year 2008.

In studies conducted by Kumar et al[91] (November 2009- May 2011) the most common components discarded were platelets, which were none utilized similar to our study.

According to present study, discard due to return after 2 hours formed 0.11%. This wastage can be minimized by educating and creating awareness among hospital, nursing staff about cold chain maintenance and blood sterility.

A study done at a regional blood transfusion centre in western India from 2012- 2016 revealed average discard rate to be 6.60%. The major cause of discard was due to expired blood units. Discarding due to blood clot in the bag in our study was found to be negligible as compare to 1.84% of clotted bags in our study leading to discard.

Discarding of blood units outside positive infectious markers ideally should never occur. Also, proper implementation of blood transfusion polices with coordination between intrahospital staff can minimize the discard of blood due to non-utilization. Judicious use of blood has to be done for effective transfusion services. The need for proper utilization of blood and its components with preferably “No” or minimal wastage is the need of the hour.

SUMMARY AND CONCLUSION

In our study we evaluated the discard of blood & blood components from a total collection of 26,768 donations in one-year duration. Platelet concentrate was the most common component to be discarded due to expiration owing to short shelf-life. Whole Blood was discarded due to TTI positivity, the most common reason being HCV infection. PRBC & L-PRBC were discarded mainly due to insufficient volume/QNS.FFP & Cryoprecipitate were discarded due to breakage during component preparation.

Suggested strategies that would maintain discard of blood as low as possible are as follows:

1. To maintain blood group-wise accounts of voluntary donor's so that they can be telephoned as and when needed.
2. Appropriate arrangement of blood donation camps must be held as per the stock available in the blood bank.
3. Application of advanced software in blood bank and hospital ward for appropriate management between clinicians and blood bank staff.
4. Stringent adherence to donor selection criteria, proper pre-donation history taking, and counselling and ability to identify TTI positive donors and suspected professional donors who have been screened previously.
5. There is also a necessity to reassure, inspire, and persuade voluntary donors to donate blood at regular intervals and become non-remunerated donors. This will lessen the risk of TTI positivity.
6. Increased use of aphaeresis procedure to prevent wastage of components such as platelets whose demand cannot be predicted i.e. it should be prepared on demand and urgency only.
7. Proper management of blood units and strict storage condition to help prevent haemolysis, clotting, and bacterial contamination. Education and training to technical staff for 350/450 ml volume collection with the

use of standardized & well calibrated blood collection monitors even in camps.

8. Technical proficiency in phlebotomy, component preparation to prevent suboptimal volume collection of WB, recontamination, and appropriate safeguarding during storage and thawing of FFP to prevent rupture/leakage such as the use of polystyrene protective containers.
9. Since Platelet concentrates are a significant blood resource, involving both manufacturing costs and logistical effort, different measures have to be taken to minimise expiration or outdating; example is by prolonging the shelf life of platelet concentrates using Platelet additive solution (PAS).
10. Continuous & advanced medical teaching for the technical staff to maintain self audit, to follow quality indicators of processing and preparation of blood components, and strict adherence to the standard operating procedure (SOPs) can greatly improve the overall blood management system.
11. Strict check on platelet production and issue with proper justification is required for reduction of platelet discard. FFP, cryoprecipitate and Cryo-poor plasma have minimum discard rate due to the long shelf life of 1 year at a storage temperature of -30 degree Celsius or below. Leakage or rupture of FFP bag can be minimized by putting the FFP bag in proper buckets and racks which decreases the risk of breakage of brittle frozen product during storage, handling and transportation.
12. The lipemic blood discard can be reduced by appropriate donor questioning regarding their interval between donation and time of the last meal and donor lipid profile, if available during the screening.
13. Strict checks on need-based demand specific products following first in first out (FIFO).
14. Check on production to the reduced chance of preparing red cell contaminated platelet and if red cell contamination is present then use within 24 hours.

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Date 9/9/19

The Principal,
DMC, Ludhiana.

Subject: **Approval of Plan of Thesis.**

This is to inform you that the Faculty of Medical Sciences in its meeting held on 29.05.2019 has approved the plan of thesis of **Priya Prasad**, a student of your college for **MD Immuno Haematology & Blood Transfusion** along with the names of Supervisor/Co-Supervisor as under:-

Topic Plan of Thesis

Analysis of wastage of blood and blood components as a quality indicator

Supervisor
Dr. Rajesh Kumar
Prof.,
Dept. of I.H.B.T.,
DMCH, Ludhiana.

Co-Supervisor
Dr. Amarjit Kaur
Prof. & Head,
Dept. of I.H.B.T.,
DMCH, Ludhiana.

Dr. Sonia Gupta
Assoc. Prof.,
Dept. of I.H.B.T.,
DMCH, Ludhiana.

The student has to submit the four copies of thesis (along with PDF format) , to the Controller of Examinations, BFUH Faridkot, at least six months before the commencement of theory examination, if he/she is otherwise eligible to take t examination. He /She must directed to attach a photocopy of this letter with the forwarding letter while submitting thesis the University along with the letter of approval of University for change of supervisor/Co-Supervisor, change of topic,(any).

S P Singh
Dr. S P Singh MS(O
Controller of Examinati

Note :

1. *If any discrepancy found regarding topic of thesis or Supervisor/Co-Supervisor, inform undersigned within one month after issue of this letter.*
2. *The student may submit the thesis as per the schedule already conveyed i.e for May/June examination 30th Nov o the preceding the year of examination and for Nov/Dec examinations 31st May of the year of examination.*

PROFORMA

S. No

UNIT NO

DATE OF COLLECTION

DATE OF EXPIRY

BLOOD GROUP

TYPE OF COMPONENT

REASON OF DISCARD

- EXPIRED
- LEAKAGE
- TTI SEROPOSITIVE
- LATE RETURNED BACK
- CLOTTED
- QNS
- LIPEMIC
- POOR QUALITY
- HEMOLYSED
- RBC CONTAMINATION
- ICTERIC UNITS

Signature of Candidate **Signature of Supervisor**

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1	19I0010345	Platelet Concentrate	01-01-2019	07-01-2019	AB+	Expired
2	19I0010355	Platelet Concentrate	01-01-2019	07-01-2019	B+	Expired
3	19I0010357	Platelet Concentrate	01-01-2019	07-01-2019	AB-	Expired
4	19I0010359	Platelet Concentrate	01-01-2019	07-01-2019	B+	RBC Contamination
5	19I0010396	Platelet Concentrate	02-01-2019	08-01-2019	B+	RBC Contamination
6	19I0010397	Platelet Concentrate	02-01-2019	08-01-2019	AB+	Expired
7	19I0010398	Platelet Concentrate	02-01-2019	08-01-2019	O+	Expired
8	19I0010401	Platelet Concentrate	02-01-2019	08-01-2019	B+	Expired
9	19I0010405	Platelet Concentrate	02-01-2019	08-01-2019	B+	Expired
10	19I0010409	Platelet Concentrate	02-01-2019	08-01-2019	O+	Expired
11	19I0010415	Platelet Concentrate	02-01-2019	08-01-2019	AB+	Expired
12	19I0010416	Platelet Concentrate	02-01-2019	08-01-2019	AB-	Expired
13	19I0010420	Platelet Concentrate	02-01-2019	08-01-2019	O+	Expired
14	19I0010462	Platelet Concentrate	03-01-2019	09-01-2019	B+	Expired
15	19I0010464	Platelet Concentrate	03-01-2019	09-01-2019	B+	Expired
16	19I0010469	Platelet Concentrate	03-01-2019	09-01-2019	O+	Expired
17	19I0010475	Whole Blood	03-01-2019	07-02-2019	O+	VDRL
18	19I0010476	Whole Blood	03-01-2019	07-02-2019	B+	LRB
19	19I0010478	Whole Blood	03-01-2019	07-02-2019	O+	LRB
20	19I0010480	Whole Blood	03-01-2019	07-02-2019	A+	HBV
21	19I0010480	Platelet Concentrate	03-01-2019	07-01-2019	A+	RBC Contamination
22	19I0010481	Platelet Concentrate	03-01-2019	09-01-2019	A+	Expired
23	19I0010484	Platelet Concentrate	03-01-2019	07-01-2019	A+	RBC Contamination
24	19I0010523	Platelet Concentrate	04-01-2019	10-01-2019	A+	Expired
25	19I0010526	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
26	19I0010528	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
27	19I0010529	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
28	19I0010533	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
29	19I0010534	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
30	19I0010538	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
31	19I0010542	Platelet Concentrate	04-01-2019	10-01-2019	B+	Expired
32	19i0010544	Platelet Concentrate	04-01-2019	08-01-2019	B+	RBC Contamination
33	19I0010545	Platelet Concentrate	04-01-2019	10-01-2019	O+	Expired
34	19I0010564	FFP	04-01-2019	03-01-2020	A+	QNS
35	19i0010577	Whole Blood	04-01-2019	08-02-2019	O+	HBV
36	19I0010582	Platelet Concentrate	05-01-2019	11-01-2019	B+	Expired
37	19I0010583	Whole Blood	05-01-2019	09-02-2019	AB+	VDRL
38	19I0010584	Platelet Concentrate	05-01-2019	11-01-2019	O+	Expired
39	19I0010585	Platelet Concentrate	05-01-2019	11-01-2019	B+	Expired
40	19I0010585	FFP	05-01-2019	04-01-2020	B+	Expired
41	19I0010590	Platelet Concentrate	05-01-2019	11-01-2019	A+	Expired
42	19I0010591	Platelet Concentrate	05-01-2019	11-01-2019	A+	Expired
43	19I0010593	Platelet Concentrate	05-01-2019	11-01-2019	B+	Expired
44	19I0010596	Platelet Concentrate	05-01-2019	11-01-2019	O+	Expired
45	19I0010598	Platelet Concentrate	05-01-2019	09-01-2019	O+	RBC Contamination
46	19I0010599	Platelet Concentrate	05-01-2019	11-01-2019	O+	Expired
47	19I0010600	Platelet Concentrate	05-01-2019	11-01-2019	A-	Expired
48	19I0010616	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
49	19I0010618	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
50	19I0010621	Platelet Concentrate	06-01-2019	12-01-2019	O+	Expired
51	19I0010624	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
52	19I0010631	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
53	19I0010632	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
54	19I0010634	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
55	19I0010635	Whole Blood	06-01-2019	10-02-2019	B+	HBV,HCV
56	19I0010637	Platelet Concentrate	06-01-2019	12-01-2019	B+	Expired
57	19I0010638	Whole Blood	06-01-2019	10-02-2019	B+	HIV
58	19I0010639	Platelet Concentrate	06-01-2019	12-01-2019	O+	Expired
59	19I0010643	FFP	06-01-2019	05-01-2020	O+	Broken
60	19I0010691	Platelet Concentrate	07-01-2019	13-01-2019	B+	Expired
61	19I0010693	FFP	07-01-2019	06-01-2020	O+	Broken

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
62	19I0010694	Whole Blood	07-01-2019	11-02-2019	A+	HIV
63	19I0010695	Platelet Concentrate	07-01-2019	13-01-2019	O+	Expired
64	19I0010697	Platelet Concentrate	07-01-2019	13-01-2019	B+	Expired
65	19I0010700	Platelet Concentrate	07-01-2019	13-01-2019	B-	Expired
66	19I0010705	Platelet Concentrate	07-01-2019	13-01-2019	O+	Expired
67	19I0010706	Platelet Concentrate	07-01-2019	13-01-2019	A+	Expired
68	19I0010707	Platelet Concentrate	07-01-2019	13-01-2019	B+	Expired
69	19I0010495	Whole Blood	07-01-2019	11-02-2019	B+	Broken
70	19I0010708	Whole Blood	07-01-2019	11-02-2019	A+	Broken
71	19I0010710	FFP	07-01-2019	06-01-2020	O+	QNS
72	19I0010733	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
73	19I0010734	Platelet Concentrate	08-01-2019	14-01-2019	AB+	Expired
74	19I0010735	Platelet Concentrate	08-01-2019	14-01-2019	O+	Expired
75	19I0010737	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
76	19I0010743	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
77	19I0010745	Platelet Concentrate	08-01-2019	14-01-2019	O+	Expired
78	19I0010746	Platelet Concentrate	08-01-2019	14-01-2019	O+	Expired
79	19I0010747	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
80	19I0010749	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
81	19I0010750	Whole Blood	08-01-2019	12-02-2019	B+	VDRL
82	19I0010756	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
83	19I0010757	Platelet Concentrate	08-01-2019	14-01-2019	B+	Expired
84	19I0010758	Platelet Concentrate	08-01-2019	14-01-2019	O+	Expired
85	19I0010759	Platelet Concentrate	08-01-2019	14-01-2019	O+	Expired
86	19I0010781	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
87	19I0010782	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
88	19I0010783	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
89	19I0010785	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
90	19I0010786	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
91	19I0010787	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
92	19I0010788	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
93	19I0010789	Platelet Concentrate	09-01-2019	15-01-2019	O+	Expired
94	19I0010791	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
95	19I0010793	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
96	19I0010795	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
97	19I0010796	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
98	19I0010799	Platelet Concentrate	09-01-2019	15-01-2019	O+	Expired
99	19I0010800	Platelet Concentrate	09-01-2019	15-01-2019	AB-	Expired
100	19I0010801	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
101	19I0010804	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
102	19I0010805	Platelet Concentrate	09-01-2019	15-01-2019	B+	Expired
103	19I0010808	Platelet Concentrate	09-01-2019	15-01-2019	O+	Expired
104	19I0010849	Platelet Concentrate	10-01-2019	16-01-2019	B+	Expired
105	19I0010852	Platelet Concentrate	10-01-2019	16-01-2019	A+	Expired
106	19I0010853	Platelet Concentrate	10-01-2019	16-01-2019	AB+	Expired
107	19I0010856	Platelet Concentrate	10-01-2019	16-01-2019	B+	Expired
108	19I0010858	Platelet Concentrate	10-01-2019	16-01-2019	O+	Expired
109	19I0010861	Platelet Concentrate	10-01-2019	16-01-2019	O-	Expired
110	19I0010862	Platelet Concentrate	10-01-2019	16-01-2019	AB+	Expired
111	19I0010863	Platelet Concentrate	10-01-2019	16-01-2019	A+	Expired
112	19I0010864	Platelet Concentrate	10-01-2019	16-01-2019	O+	Expired
113	19I0010865	Platelet Concentrate	10-01-2019	16-01-2019	O+	Expired
114	19I0010867	Platelet Concentrate	10-01-2019	16-01-2019	B-	Expired
115	19I0010869	Platelet Concentrate	10-01-2019	16-01-2019	B-	Expired
116	19I0010870	Platelet Concentrate	10-01-2019	16-01-2019	A+	Expired
117	19I0010871	Platelet Concentrate	10-01-2019	16-01-2019	B+	Expired
118	19I0010872	Platelet Concentrate	10-01-2019	16-01-2019	O-	Expired
119	19I0010873	Platelet Concentrate	10-01-2019	16-01-2019	A+	Expired
120	19I0010874	Platelet Concentrate	10-01-2019	16-01-2019	O+	Expired
121	19i0010881	Whole Blood	10-01-2019	14-02-2019	O+	HIV
122	19i0010899	Whole Blood	10-01-2019	14-02-2019	O+	HBV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
123	19i0010907	Whole Blood	10-01-2019	14-02-2019	A+	HBV
124	19i0010911	Whole Blood	10-01-2019	14-02-2019	AB+	VDRL
125	19I0010915	Platelet Concentrate	11-01-2019	17-01-2019	B+	Expired
126	19I0010916	Platelet Concentrate	11-01-2019	17-01-2019	A+	Expired
127	19I0010927	Platelet Concentrate	11-01-2019	17-01-2019	O+	Expired
128	19I0010931	Platelet Concentrate	11-01-2019	17-01-2019	AB+	QNS
129	19I0010932	Platelet Concentrate	11-01-2019	17-01-2019	A+	Expired
130	19I0010938	Platelet Concentrate	11-01-2019	17-01-2019	B+	Expired
131	19I0010939	Whole Blood	11-01-2019	15-02-2019	A+	VDRL
132	19I0010941	Platelet Concentrate	11-01-2019	17-01-2019	A+	Expired
133	19I0010961	Whole Blood	11-01-2019	15-02-2019	O+	VDRL
134	19I0010962	Platelet Concentrate	11-01-2019	17-01-2019	B+	Expired
135	19I0010984	Platelet Concentrate	11-01-2019	17-01-2019	B+	Expired
136	19I0010984	Whole Blood	11-01-2019	15-02-2019	B+	HCV
137	19I0010995	Platelet Concentrate	12-01-2019	18-01-2019	O+	QNS
138	19I0011000	Platelet Concentrate	12-01-2019	18-01-2019	B+	Expired
139	19I0011001	Platelet Concentrate	12-01-2019	18-01-2019	O+	Expired
140	19I0011002	Platelet Concentrate	12-01-2019	18-01-2019	O-	Expired
141	19I0011004	Platelet Concentrate	12-01-2019	18-01-2019	O+	Expired
142	19I0011005	Platelet Concentrate	12-01-2019	18-01-2019	B+	Expired
143	19I0011007	Platelet Concentrate	12-01-2019	18-01-2019	O+	QNS
144	19I0011008	Platelet Concentrate	12-01-2019	18-01-2019	B+	Expired
145	19I0011009	Whole Blood	12-01-2019	16-02-2019	O+	HCV
146	19I0011011	Platelet Concentrate	12-01-2019	18-01-2019	AB+	Expired
147	19I0011012	Platelet Concentrate	12-01-2019	18-01-2019	O+	QNS
148	19I0011013	Platelet Concentrate	12-01-2019	18-01-2019	B+	QNS
149	19I0011015	Platelet Concentrate	12-01-2019	18-01-2019	B+	Expired
150	19I0011016	Platelet Concentrate	12-01-2019	18-01-2019	O+	Expired
151	19I0011018	Platelet Concentrate	12-01-2019	18-01-2019	O+	Expired
152	19I0011022	Platelet Concentrate	12-01-2019	18-01-2019	B+	Expired
153	19I0011024	Platelet Concentrate	12-01-2019	18-01-2019	B+	Expired
154	19I0011042	Whole Blood	12-01-2019	16-02-2019	A+	HCV
155	19I0011042	Whole Blood	12-01-2019	16-02-2019	A+	HCV
156	19I0011062	Platelet Concentrate	13-01-2019	19-01-2019	O-	Expired
157	19I0011065	Platelet Concentrate	13-01-2019	19-01-2019	A+	Expired
158	19I0011066	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
159	19I0011068	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
160	19I0011069	Platelet Concentrate	13-01-2019	19-01-2019	A+	Expired
161	19I0011071	Platelet Concentrate	13-01-2019	19-01-2019	A+	Expired
162	19I0011073	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
163	19I0011076	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
164	19I0011077	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
165	19I0011089	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
166	19I0011090	Platelet Concentrate	13-01-2019	19-01-2019	O+	Expired
167	19I0011106	Whole Blood	14-01-2019	18-02-2019	B+	HBV,HIV
168	19I0011108	Whole Blood	14-01-2019	18-02-2019	A+	HCV
169	19I0011110	Whole Blood	14-01-2019	18-02-2019	A-	HBV
170	19I0011112	Platelet Concentrate	14-01-2019	20-01-2019	A+	Expired
171	19I0011113	Platelet Concentrate	14-01-2019	20-01-2019	AB+	Expired
172	19I0011116	Platelet Concentrate	14-01-2019	20-01-2019	O+	Expired
173	19I0011121	Platelet Concentrate	14-01-2019	20-01-2019	A+	Expired
174	19I0011123	Platelet Concentrate	14-01-2019	20-01-2019	O+	Expired
175	19I0011124	Platelet Concentrate	14-01-2019	20-01-2019	O+	Expired
176	19I0011126	Platelet Concentrate	14-01-2019	20-01-2019	AB+	Expired
177	19I0011130	Platelet Concentrate	14-01-2019	20-01-2019	A+	Expired
178	19I0011131	Platelet Concentrate	14-01-2019	20-01-2019	B+	Expired
179	19i0011133	Whole Blood	14-01-2019	18-02-2019	O+	HBV,HIV
180	19I0011134	Platelet Concentrate	14-01-2019	20-01-2019	A+	Expired
181	19I0011135	Platelet Concentrate	14-01-2019	20-01-2019	A+	Expired
182	19I0011136	Platelet Concentrate	14-01-2019	20-01-2019	AB+	Expired
183	19I0011137	Platelet Concentrate	14-01-2019	20-01-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
184	19I0011138	Platelet Concentrate	14-01-2019	20-01-2019	O+	Expired
185	19i0011164	Whole Blood	14-01-2019	18-02-2019	B+	HCV
186	19I0011169	Platelet Concentrate	15-01-2019	21-01-2019	O-	Expired
187	19I0011170	Platelet Concentrate	15-01-2019	21-01-2019	O+	Expired
188	19I0011171	Platelet Concentrate	15-01-2019	21-01-2019	AB+	Expired
189	19I0011176	Platelet Concentrate	15-01-2019	21-01-2019	AB+	Expired
190	19I0011178	Platelet Concentrate	15-01-2019	21-01-2019	AB+	Expired
191	19I0011179	Platelet Concentrate	15-01-2019	21-01-2019	A+	Expired
192	19I0011190	Platelet Concentrate	15-01-2019	21-01-2019	B+	Expired
193	19i0011195	Whole Blood	15-01-2019	19-02-2019	AB+	HBV
194	19I0011237	Platelet Concentrate	16-01-2019	22-01-2019	AB+	Expired
195	19I0011245	Platelet Concentrate	16-01-2019	22-01-2019	B+	Expired
196	19I0011247	Platelet Concentrate	16-01-2019	22-01-2019	O+	Expired
197	19I0011248	Platelet Concentrate	16-01-2019	22-01-2019	AB+	QNS
198	19I0011249	Platelet Concentrate	16-01-2019	22-01-2019	AB+	Expired
199	19I0011253	Platelet Concentrate	16-01-2019	22-01-2019	B+	Expired
200	19I0011256	Platelet Concentrate	16-01-2019	22-01-2019	B+	Expired
201	19I0011291	Platelet Concentrate	17-01-2019	23-01-2019	B+	Expired
202	19I0011292	Platelet Concentrate	17-01-2019	23-01-2019	B+	Expired
203	19I0011293	Platelet Concentrate	17-01-2019	23-01-2019	B+	Expired
204	19I0011296	Platelet Concentrate	17-01-2019	23-01-2019	B+	Expired
205	19I0011299	Platelet Concentrate	17-01-2019	23-01-2019	B+	Expired
206	19I0011302	Platelet Concentrate	17-01-2019	23-01-2019	A+	Expired
207	19I0011303	Platelet Concentrate	17-01-2019	23-01-2019	O-	Expired
208	19I0011318	Whole Blood	17-01-2019	21-02-2019	AB-	VDRL
209	19I0011352	Platelet Concentrate	18-01-2019	24-01-2019	B+	Expired
210	19I0011353	Platelet Concentrate	18-01-2019	24-01-2019	B+	Expired
211	19I0011356	Platelet Concentrate	18-01-2019	24-01-2019	B+	Expired
212	19I0011357	Platelet Concentrate	18-01-2019	24-01-2019	B+	Expired
213	19I0011359	Platelet Concentrate	18-01-2019	24-01-2019	O+	Expired
214	19I0011360	Platelet Concentrate	18-01-2019	24-01-2019	AB+	Expired
215	19I0011362	Whole Blood	18-01-2019	22-02-2019	B+	VDRL
216	19I0011364	Platelet Concentrate	18-01-2019	24-01-2019	B+	Expired
217	19I0011368	Platelet Concentrate	18-01-2019	24-01-2019	B+	Expired
218	19I0011371	Platelet Concentrate	18-01-2019	24-01-2019	B-	Expired
219	19I0011374	Platelet Concentrate	18-01-2019	24-01-2019	O+	Expired
220	19I0011375	Platelet Concentrate	18-01-2019	24-01-2019	O+	Expired
221	19I0011376	Platelet Concentrate	18-01-2019	24-01-2019	B+	QNS
222	19I0011389	Whole Blood	18-01-2019	22-02-2019	B+	HCV
223	19I0011418	Platelet Concentrate	19-01-2019	25-01-2019	A+	Expired
224	19I0011419	Platelet Concentrate	19-01-2019	25-01-2019	A+	Expired
225	19I0011422	Platelet Concentrate	19-01-2019	25-01-2019	A+	Expired
226	19I0011437	Platelet Concentrate	19-01-2019	25-01-2019	A+	Expired
227	19I0011439	Platelet Concentrate	19-01-2019	25-01-2019	AB+	Expired
228	19I0011441	Platelet Concentrate	19-01-2019	25-01-2019	B+	Expired
229	19I0011446	Platelet Concentrate	19-01-2019	25-01-2019	B+	Expired
230	19I0011511	Platelet Concentrate	20-01-2019	26-01-2019	A+	Expired
231	19I0011512	Platelet Concentrate	20-01-2019	26-01-2019	AB+	Expired
232	19I0011514	Platelet Concentrate	20-01-2019	26-01-2019	AB+	Expired
233	19I0011516	Platelet Concentrate	20-01-2019	26-01-2019	AB+	Expired
234	19I0011519	Platelet Concentrate	20-01-2019	26-01-2019	AB+	Expired
235	19I0011521	Platelet Concentrate	20-01-2019	26-01-2019	O+	Expired
236	19I0011522	Platelet Concentrate	20-01-2019	26-01-2019	B+	Expired
237	19I0011525	Platelet Concentrate	20-01-2019	26-01-2019	B+	Expired
238	19I0011526	Platelet Concentrate	20-01-2019	26-01-2019	B+	Expired
239	19I0011527	Platelet Concentrate	20-01-2019	26-01-2019	AB+	Expired
240	19I0011598	Whole Blood	20-01-2019	24-02-2019	B+	VDRL
241	19I0011609	Whole Blood	20-01-2019	24-02-2019	O+	HCV
242	19I0011627	Whole Blood	20-01-2019	24-02-2019	AB-	HCV
243	19I0011667	Whole Blood	20-01-2019	24-02-2019	B+	HCV
244	19I0011671	Whole Blood	20-01-2019	24-02-2019	AB-	VDRL

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
245	19I0011683	Whole Blood	20-01-2019	24-02-2019	B+	HCV,VDRL
246	19I0011704	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
247	19I0011705	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
248	19I0011707	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
249	19I0011708	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
250	19I0011709	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
251	19I0011711	Platelet Concentrate	21-01-2019	27-01-2019	A+	Expired
252	19I0011714	Platelet Concentrate	21-01-2019	27-01-2019	O+	Expired
253	19I0011718	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
254	19I0011720	Whole Blood	21-01-2019	25-02-2019	B+	VDRL
255	19I0011722	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
256	19I0011727	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
257	19I0011729	Platelet Concentrate	21-01-2019	27-01-2019	B+	Expired
258	19I0011730	Platelet Concentrate	21-01-2019	27-01-2019	B-	Expired
259	19I0011757	Whole Blood	21-01-2019	25-02-2019	B+	VDRL
260	19I0011759	Whole Blood	21-01-2019	25-02-2019	O+	HBV
261	19I0011765	Platelet Concentrate	22-01-2019	28-01-2019	O+	Expired
262	19I0011768	Platelet Concentrate	22-01-2019	28-01-2019	O+	Expired
263	19I0011770	Platelet Concentrate	22-01-2019	28-01-2019	B+	Expired
264	19I0011771	Whole Blood	22-01-2019	26-02-2019	B+	HCV,VDRL
265	19I0011773	Platelet Concentrate	22-01-2019	28-01-2019	B+	Expired
266	19I0011774	Platelet Concentrate	22-01-2019	28-01-2019	A+	Expired
267	19I0011775	Platelet Concentrate	22-01-2019	28-01-2019	B+	Expired
268	19I0011778	Platelet Concentrate	22-01-2019	28-01-2019	A-	Expired
269	19I0011780	Platelet Concentrate	22-01-2019	28-01-2019	B+	Expired
270	19I0011781	Platelet Concentrate	22-01-2019	28-01-2019	O+	Expired
271	19I0011787	Platelet Concentrate	22-01-2019	28-01-2019	O+	Expired
272	19I0011788	Platelet Concentrate	22-01-2019	28-01-2019	B+	Expired
273	19I0011789	Platelet Concentrate	22-01-2019	28-01-2019	B+	Expired
274	19I0011827	Platelet Concentrate	23-01-2019	29-01-2019	B+	Expired
275	19I0011829	Platelet Concentrate	23-01-2019	29-01-2019	B+	Expired
276	19I0011830	Platelet Concentrate	23-01-2019	29-01-2019	B+	Expired
277	19I0011831	Platelet Concentrate	23-01-2019	29-01-2019	A+	Expired
278	19I0011833	Platelet Concentrate	23-01-2019	29-01-2019	A+	Expired
279	19I0011834	Whole Blood	23-01-2019	27-02-2019	B+	VDRL
280	19I0011835	Platelet Concentrate	23-01-2019	29-01-2019	B+	Expired
281	19I0011836	Platelet Concentrate	23-01-2019	29-01-2019	A+	Expired
282	19I0011837	Platelet Concentrate	23-01-2019	29-01-2019	O+	Expired
283	19I0011839	Platelet Concentrate	23-01-2019	29-01-2019	B+	Expired
284	19I0011840	Platelet Concentrate	23-01-2019	29-01-2019	B+	Expired
285	19I0011842	Platelet Concentrate	23-01-2019	29-01-2019	A-	Expired
286	19I0011843	Platelet Concentrate	23-01-2019	29-01-2019	B-	Expired
287	19I0011844	Platelet Concentrate	23-01-2019	29-01-2019	AB+	Expired
288	19I0011893	Platelet Concentrate	24-01-2019	30-01-2019	A+	Expired
289	19I0011894	Platelet Concentrate	24-01-2019	30-01-2019	A+	Expired
290	19I0011897	Platelet Concentrate	24-01-2019	30-01-2019	A+	Expired
291	19I0011900	Platelet Concentrate	24-01-2019	30-01-2019	B-	Expired
292	19I0011906	Platelet Concentrate	24-01-2019	30-01-2019	O+	Expired
293	19I0011919	Whole Blood	24-01-2019	28-02-2019	O+	HBV,HCV
294	19I0011932	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
295	19i0011935	Whole Blood	25-01-2019	01-03-2019	B+	HBV
296	19I0011936	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
297	19i0011937	Whole Blood	25-01-2019	01-03-2019	O+	HBV
298	19I0011938	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
299	19I0011940	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
300	19I0011941	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
301	19I0011942	Platelet Concentrate	25-01-2019	31-01-2019	O-	Expired
302	19I0011945	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
303	19I0011947	Platelet Concentrate	25-01-2019	31-01-2019	B+	Expired
304	19I0011948	Platelet Concentrate	25-01-2019	31-01-2019	O+	Expired
305	19I0011978	Platelet Concentrate	26-01-2019	01-02-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
306	19I0011994	Platelet Concentrate	26-01-2019	01-02-2019	O+	Expired
307	19I0011995	FFP	26-01-2019	25-01-2020	AB+	Broken
308	19I0011995	Platelet Concentrate	26-01-2019	01-02-2019	AB+	Expired
309	19I0012019	Whole Blood	26-01-2019	02-03-2019	O-	VDRL
310	19I0012049	Whole Blood	26-01-2019	02-03-2019	B+	VDRL
311	19I0012081	Platelet Concentrate	26-01-2019	02-03-2019	A+	QNS
312	19I0012084	Whole Blood	26-01-2019	02-03-2019	O+	HCV
313	19I0012103	Platelet Concentrate	27-01-2019	02-02-2019	A+	Expired
314	19I0012111	Platelet Concentrate	27-01-2019	02-02-2019	AB+	Expired
315	19I0012114	Platelet Concentrate	27-01-2019	02-02-2019	B+	Expired
316	19I0012115	Whole Blood	27-01-2019	03-03-2019	O+	VDRL
317	19I0012115	Whole Blood	27-01-2019	03-03-2019	O+	HCV
318	19I0012116	Whole Blood	27-01-2019	03-03-2019	AB+	HCV
319	19I0012123	Whole Blood	27-01-2019	03-03-2019	O+	VDRL
320	19I0012123	Whole Blood	27-01-2019	03-03-2019	O+	HCV
321	19I0012151	Whole Blood	27-01-2019	03-03-2019	O+	HCV
322	19I0012206	Whole Blood	27-01-2019	03-03-2019	O+	VDRL
323	19I0012220	Platelet Concentrate	28-01-2019	03-02-2019	AB+	Expired
324	19I0012221	Platelet Concentrate	28-01-2019	03-02-2019	O+	Expired
325	19I0012225	Platelet Concentrate	28-01-2019	03-02-2019	A+	Expired
326	19I0012270	Whole Blood	28-01-2019	04-03-2019	O-	HCV
327	19I0012272	FFP	28-01-2019	27-01-2020	A+	Broken
328	19I0012286	Platelet Concentrate	29-01-2019	04-02-2019	A+	Expired
329	19I0012291	Platelet Concentrate	29-01-2019	04-02-2019	A+	Expired
330	19I0012294	Platelet Concentrate	29-01-2019	04-02-2019	A+	Expired
331	19I0012294	FFP	29-01-2019	28-01-2020	A+	Broken
332	19I0012298	Platelet Concentrate	29-01-2019	04-02-2019	AB+	Expired
333	19I0012303	Platelet Concentrate	29-01-2019	04-02-2019	O+	Expired
334	19I0012304	Platelet Concentrate	29-01-2019	04-02-2019	B+	Expired
335	19I0012309	Platelet Concentrate	29-01-2019	04-02-2019	O-	Expired
336	19I0012317	Whole Blood	29-01-2019	05-03-2019	O+	HBV
337	19I0012323	Whole Blood	29-01-2019	05-03-2019	A+	VDRL
338	19I0012342	Whole Blood	29-01-2019	05-03-2019	O+	HBV
339	19I0012373	Platelet Concentrate	30-01-2019	05-02-2019	A-	Expired
340	19I0012376	Platelet Concentrate	30-01-2019	05-02-2019	A+	Expired
341	19I0012380	Platelet Concentrate	30-01-2019	05-02-2019	O+	Expired
342	19I0012386	Whole Blood	30-01-2019	06-03-2019	A+	HCV
343	19I0012392	Platelet Concentrate	30-01-2019	05-02-2019	O+	Expired
344	19I0012446	Whole Blood	30-01-2019	06-03-2019	A+	HBV
345	19I0012452	Whole Blood	30-01-2019	06-03-2019	AB+	HBV
346	19I0012476	Whole Blood	30-01-2019	06-03-2019	O+	HCV
347	19I0012487	Platelet Concentrate	31-01-2019	06-02-2019	O+	Expired
348	19I0012488	Platelet Concentrate	31-01-2019	06-02-2019	O+	Expired
349	19I0012490	Platelet Concentrate	31-01-2019	06-02-2019	O+	Expired
350	19I0012502	Platelet Concentrate	31-01-2019	06-02-2019	A-	Expired
351	19I0012503	Platelet Concentrate	31-01-2019	06-02-2019	A+	Expired
352	19I0012506	Platelet Concentrate	31-01-2019	06-02-2019	O+	QNS
353	19I0012548	FFP	01-02-2019	31-01-2020	A+	Lipemic
354	19I0012549	FFP	01-02-2019	31-01-2020	AB-	Lipemic
355	19I0012562	FFP	01-02-2019	31-01-2020	A+	Broken
356	19I0012569	Whole Blood	01-02-2019	08-03-2019	A+	HBV
357	19I0012589	Whole Blood	02-02-2019	09-03-2019	AB+	HBV
358	19I0012597	FFP	02-02-2019	31-01-2020	A+	Broken
359	19I0012604	FFP	02-02-2019	31-01-2020	B+	Broken
360	19I0012605	Cryoprecipitate	02-02-2019	16-03-2019	A+	Broken
361	19I0012609	Cryoprecipitate	02-02-2019	16-03-2019	AB-	Broken
362	19I0012622	Whole Blood	02-02-2019	09-03-2019	A+	HBV,HCV
363	19I0012624	Whole Blood	02-02-2019	09-03-2019	A+	HCV
364	19I0012628	PRBC	02-02-2019	16-03-2019	O+	QNS
365	19I0012635	Whole Blood	02-02-2019	09-03-2019	O+	VDRL
366	19I0012648	FFP	03-02-2019	31-01-2020	AB-	Lipemic

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
367	19I0012657	FFP	03-02-2019	31-01-2020	B+	Expired
368	19I0012665	Whole Blood	03-02-2019	10-03-2019	AB+	VDRL
369	19I0012678	Whole Blood	03-02-2019	10-03-2019	O+	HCV
370	19I0012708	PRBC	03-02-2019	17-03-2019	A+	Broken
371	19I0012763	PRBC	03-02-2019	17-03-2019	AB+	QNS
372	19I0012816	FFP	04-02-2019	31-01-2020	B+	Broken
373	19I0012818	FFP	04-02-2019	31-01-2020	AB-	Broken
374	19I0012821	FFP	04-02-2019	31-01-2020	AB-	Lipemic
375	19I0012822	FFP	04-02-2019	31-01-2020	B+	Broken
376	19I0012837	FFP	04-02-2019	04-02-2020	AB+	Broken
377	19I0012851	PRBC	04-02-2019	18-03-2019	A+	QNS
378	19i0012898	Whole Blood	05-02-2019	12-03-2019	B+	VDRL
379	19I0012931	Platelet Concentrate	06-02-2019	12-02-2019	O+	Expired
380	19I0012932	Platelet Concentrate	06-02-2019	12-02-2019	B+	Expired
381	19I0012933	Platelet Concentrate	06-02-2019	12-02-2019	O+	Expired
382	19I0012935	Platelet Concentrate	06-02-2019	12-02-2019	B+	Expired
383	19I0012937	Platelet Concentrate	06-02-2019	12-02-2019	O+	Expired
384	19I0012938	Platelet Concentrate	06-02-2019	12-02-2019	O+	Expired
385	19I0012940	Platelet Concentrate	06-02-2019	12-02-2019	O+	Expired
386	19I0012941	Platelet Concentrate	06-02-2019	12-02-2019	B+	Expired
387	19I0012942	FFP	06-02-2019	06-02-2020	A+	Broken
388	19I0012953	FFP	06-02-2019	06-02-2020	O+	Broken
389	19I0012994	Whole Blood	06-02-2019	13-03-2019	O+	HBV
390	19I0012998	Whole Blood	06-02-2019	13-03-2019	A+	HBV
391	19I0013004	FFP	06-02-2019	06-02-2020	AB+	Broken
392	19I0013009	Whole Blood	06-02-2019	13-03-2019	O+	HCV
393	19I0013016	Whole Blood	06-02-2019	13-03-2019	O+	HCV
394	19I0013017	Whole Blood	06-02-2019	13-03-2019	AB+	HCV
395	19I0013018	FFP	06-02-2019	06-02-2020	AB+	Broken
396	19I0013025	Platelet Concentrate	07-02-2019	13-02-2019	B+	Expired
397	19I0013026	Platelet Concentrate	07-02-2019	13-02-2019	B+	Expired
398	19I0013028	Platelet Concentrate	07-02-2019	13-02-2019	B+	Expired
399	19I0013029	Platelet Concentrate	07-02-2019	13-02-2019	O+	Expired
400	19I0013034	Platelet Concentrate	07-02-2019	13-02-2019	O+	Expired
401	19I0013035	Platelet Concentrate	07-02-2019	13-02-2019	O+	Expired
402	19I0013036	Platelet Concentrate	07-02-2019	13-02-2019	B+	Expired
403	19I0013038	Platelet Concentrate	07-02-2019	13-02-2019	O-	Expired
404	19I0013039	Platelet Concentrate	07-02-2019	13-02-2019	B-	Expired
405	19I0013040	Platelet Concentrate	07-02-2019	13-02-2019	O+	Expired
406	19I0013043	Platelet Concentrate	07-02-2019	13-02-2019	B+	Expired
407	19I0013045	Platelet Concentrate	07-02-2019	13-02-2019	B-	Expired
408	19I0013077	Whole Blood	07-02-2019	14-03-2019	B-	HCV
409	19I0013079	Platelet Concentrate	08-02-2019	14-02-2019	AB+	Expired
410	19I0013080	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
411	19I0013081	Leucofilter PRBC	08-02-2019	22-03-2019	AB+	QNS
412	19I0013088	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
413	19I0013089	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
414	19I0013091	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
415	19I0013092	Platelet Concentrate	08-02-2019	14-02-2019	AB+	Expired
416	19I0013093	Platelet Concentrate	08-02-2019	14-02-2019	B+	Expired
417	19I0013094	Platelet Concentrate	08-02-2019	14-02-2019	AB+	Expired
418	19I0013098	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
419	19I0013099	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
420	19I0013101	Platelet Concentrate	08-02-2019	14-02-2019	B+	Expired
421	19I0013106	Whole Blood	08-02-2019	15-03-2019	O+	HCV
422	19I0013129	Platelet Concentrate	08-02-2019	14-02-2019	O+	Expired
423	19I0013130	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
424	19I0013131	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
425	19I0013132	Whole Blood	09-02-2019	16-03-2019	O+	VDRL
426	19I0013133	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
427	19I0013134	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
428	19I0013135	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
429	19I0013136	Platelet Concentrate	09-02-2019	15-02-2019	B+	Expired
430	19I0013141	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
431	19I0013142	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
432	19I0013145	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
433	19I0013146	Platelet Concentrate	09-02-2019	15-02-2019	O-	Expired
434	19I0013148	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
435	19I0013149	Platelet Concentrate	09-02-2019	15-02-2019	B+	Expired
436	19I0013150	Platelet Concentrate	09-02-2019	15-02-2019	O+	Expired
437	19I0013153	Platelet Concentrate	09-02-2019	15-02-2019	A+	Expired
438	19I0013154	Platelet Concentrate	09-02-2019	15-02-2019	AB+	Expired
439	19I0013162	Whole Blood	09-02-2019	16-03-2019	AB+	HBV
440	19I0013163	Whole Blood	09-02-2019	16-03-2019	A+	HCV
441	19I0013169	Platelet Concentrate	10-02-2019	16-02-2019	AB+	Expired
442	19I0013172	Platelet Concentrate	10-02-2019	16-02-2019	O+	Expired
443	19I0013176	Platelet Concentrate	10-02-2019	16-02-2019	O+	Expired
444	19I0013180	Platelet Concentrate	10-02-2019	16-02-2019	O+	Expired
445	19I0013181	Whole Blood	10-02-2019	17-03-2019	B+	HCV
446	19I0013183	Platelet Concentrate	10-02-2019	16-02-2019	AB+	Expired
447	19I0013184	Platelet Concentrate	10-02-2019	16-02-2019	AB+	Expired
448	19I0013185	Platelet Concentrate	10-02-2019	16-02-2019	O+	Expired
449	19I0013190	Platelet Concentrate	10-02-2019	16-02-2019	A+	Expired
450	19I0013193	Platelet Concentrate	10-02-2019	16-02-2019	B+	Expired
451	19I0013195	Platelet Concentrate	10-02-2019	16-02-2019	B+	Expired
452	19I0013207	Whole Blood	10-02-2019	17-03-2019	B-	VDRL
453	19I0013233	Whole Blood	10-02-2019	17-03-2019	O+	HCV
454	19I0013266	Whole Blood	10-02-2019	17-03-2019	A+	VDRL
455	19I0013284	Whole Blood	10-02-2019	17-03-2019	AB+	VDRL
456	19I0013287	Whole Blood	10-02-2019	17-03-2019	AB+	HBV
457	19I0013287	Whole Blood	10-02-2019	17-03-2019	A-	HCV
458	19I0013299	Whole Blood	10-02-2019	17-03-2019	AB+	HCV
459	19I0013334	Whole Blood	10-02-2019	17-03-2019	A+	HCV
460	19I0013335	Whole Blood	10-02-2019	17-03-2019	O+	HCV
461	19I0013352	Whole Blood	10-02-2019	17-03-2019	O+	HIV
462	19I0013385	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
463	19I0013389	Platelet Concentrate	11-02-2019	17-02-2019	A+	Expired
464	19I0013390	Platelet Concentrate	11-02-2019	17-02-2019	AB-	Expired
465	19I0013393	Platelet Concentrate	11-02-2019	17-02-2019	A+	Expired
466	19I0013394	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
467	19I0013395	Platelet Concentrate	11-02-2019	17-02-2019	O-	Expired
468	19I0013397	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
469	19I0013400	Platelet Concentrate	11-02-2019	17-02-2019	O+	Expired
470	19I0013401	Platelet Concentrate	11-02-2019	17-02-2019	B-	Expired
471	19I0013402	Platelet Concentrate	11-02-2019	17-02-2019	O+	Expired
472	19I0013406	Platelet Concentrate	11-02-2019	17-02-2019	O+	Expired
473	19I0013407	Platelet Concentrate	11-02-2019	17-02-2019	O+	Expired
474	19I0013411	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
475	19I0013412	Platelet Concentrate	11-02-2019	17-02-2019	O+	Expired
476	19I0013414	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
477	19I0013415	Platelet Concentrate	11-02-2019	17-02-2019	O+	Expired
478	19I0013416	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
479	19I0013417	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
480	19I0013418	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
481	19I0013419	Platelet Concentrate	11-02-2019	17-02-2019	A+	Expired
482	19I0013421	Platelet Concentrate	11-02-2019	17-02-2019	B+	Expired
483	19I0013422	Platelet Concentrate	11-02-2019	17-02-2019	A+	Expired
484	19I0013423	Platelet Concentrate	11-02-2019	17-02-2019	B-	Expired
485	19I0013424	Platelet Concentrate	11-02-2019	17-02-2019	A+	Expired
486	19I0013430	Platelet Concentrate	11-02-2019	17-02-2019	AB+	Expired
487	19I0013436	Whole Blood	11-02-2019	18-03-2019	O+	HBV,HCV
488	19I0013443	Whole Blood	11-02-2019	18-03-2019	A+	HBV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
489	19I0013455	Whole Blood	11-02-2019	18-03-2019	A+	HCV,VDRL
490	19I0013490	Whole Blood	11-02-2019	18-03-2019	O+	VDRL
491	19I0013492	Whole Blood	11-02-2019	18-03-2019	O+	HCV
492	19I0013584	Whole Blood	12-02-2019	19-03-2019	O+	HCV
493	19I0013596	Platelet Concentrate	12-02-2019	18-02-2019	O+	Expired
494	19I0013597	Whole Blood	12-02-2019	19-03-2019	A+	HCV
495	19I0013599	Platelet Concentrate	12-02-2019	18-02-2019	O+	Expired
496	19I0013601	Platelet Concentrate	12-02-2019	18-02-2019	O-	Expired
497	19I0013603	Platelet Concentrate	12-02-2019	18-02-2019	B+	Expired
498	19I0013606	FFP	12-02-2019	12-02-2020	O+	Broken
499	19I0013606	Platelet Concentrate	12-02-2019	18-02-2019	B+	Expired
500	19I0013607	Whole Blood	12-02-2019	19-03-2019	B+	HBV
501	19I0013608	Platelet Concentrate	12-02-2019	18-02-2019	B+	Expired
502	19I0013612	Whole Blood	12-02-2019	19-03-2019	O+	HCV
503	19I0013613	Platelet Concentrate	12-02-2019	18-02-2019	AB+	Expired
504	19I0013614	Platelet Concentrate	12-02-2019	18-02-2019	B+	Expired
505	19I0013615	Platelet Concentrate	12-02-2019	18-02-2019	O+	Expired
506	19I0013618	Platelet Concentrate	12-02-2019	18-02-2019	B+	Expired
507	19I0013647	Platelet Concentrate	13-02-2019	19-02-2019	A+	Expired
508	19I0013650	Platelet Concentrate	13-02-2019	19-02-2019	O+	Expired
509	19I0013653	Platelet Concentrate	13-02-2019	19-02-2019	O+	Expired
510	19I0013655	Platelet Concentrate	13-02-2019	19-02-2019	B+	Expired
511	19I0013658	Platelet Concentrate	13-02-2019	19-02-2019	B+	Expired
512	19I0013660	Platelet Concentrate	13-02-2019	19-02-2019	A+	Expired
513	19I0013661	Platelet Concentrate	13-02-2019	19-02-2019	B+	Expired
514	19I0013662	Platelet Concentrate	13-02-2019	19-02-2019	B+	Expired
515	19I0013663	Platelet Concentrate	13-02-2019	19-02-2019	O+	Expired
516	19I0013664	Platelet Concentrate	13-02-2019	19-02-2019	A+	Expired
517	19I0013665	Platelet Concentrate	13-02-2019	19-02-2019	O+	Expired
518	19I0013667	Platelet Concentrate	13-02-2019	19-02-2019	O-	Expired
519	19I0013708	Platelet Concentrate	14-02-2019	20-02-2019	O+	Expired
520	19I0013709	Platelet Concentrate	14-02-2019	20-02-2019	O+	Expired
521	19I0013710	Platelet Concentrate	14-02-2019	20-02-2019	A+	Expired
522	19I0013711	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
523	19I0013712	Platelet Concentrate	14-02-2019	20-02-2019	A+	Expired
524	19I0013713	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
525	19I0013715	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
526	19I0013718	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
527	19I0013719	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
528	19I0013720	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
529	19I0013723	Platelet Concentrate	14-02-2019	20-02-2019	A+	Expired
530	19I0013725	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
531	19I0013726	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
532	19I0013727	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
533	19I0013728	Platelet Concentrate	14-02-2019	20-02-2019	A+	Expired
534	19I0013730	Platelet Concentrate	14-02-2019	20-02-2019	B+	Expired
535	19I0013731	Platelet Concentrate	14-02-2019	20-02-2019	O+	Expired
536	19I0013740	Whole Blood	14-02-2019	21-03-2019	B+	HBV
537	19I0013744	Whole Blood	14-02-2019	21-03-2019	B+	VDRL
538	19I0013767	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired
539	19i0013769	Whole Blood	15-02-2019	22-03-2019	A+	HCV
540	19I0013770	Platelet Concentrate	15-02-2019	21-02-2019	O+	Expired
541	19I0013771	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired
542	19I0013772	Platelet Concentrate	15-02-2019	21-02-2019	O+	Expired
543	19I0013773	Platelet Concentrate	15-02-2019	21-02-2019	A-	Expired
544	19I0013776	Whole Blood	15-02-2019	22-03-2019	A+	HCV
545	19I0013778	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired
546	19I0013780	Platelet Concentrate	15-02-2019	21-02-2019	A+	Expired
547	19I0013782	FFP	15-02-2019	15-02-2020	B+	Broken
548	19I0013782	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired
549	19I0013785	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
550	19I0013787	Platelet Concentrate	15-02-2019	21-02-2019	A+	Expired
551	19I0013788	Platelet Concentrate	15-02-2019	21-02-2019	A+	Expired
552	19I0013789	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired
553	19I0013790	Platelet Concentrate	15-02-2019	21-02-2019	B+	Expired
554	19I0013803	Whole Blood	15-02-2019	22-03-2019	AB+	HCV
555	19I0013812	FFP	15-02-2019	15-02-2020	B+	Broken
556	19I0013827	Platelet Concentrate	16-02-2019	22-02-2019	B+	Expired
557	19I0013838	Platelet Concentrate	16-02-2019	22-02-2019	B+	Expired
558	19I0013842	Platelet Concentrate	16-02-2019	22-02-2019	B+	Expired
559	19I0013844	Platelet Concentrate	16-02-2019	22-02-2019	B+	Expired
560	19I0013845	Platelet Concentrate	16-02-2019	22-02-2019	B+	Expired
561	19I0013847	Platelet Concentrate	16-02-2019	22-02-2019	B+	Expired
562	19I0013848	Platelet Concentrate	16-02-2019	22-02-2019	A+	Expired
563	19I0013849	Platelet Concentrate	16-02-2019	22-02-2019	AB+	Expired
564	19I0013866	Platelet Concentrate	17-02-2019	23-02-2019	AB+	Expired
565	19I0013870	Platelet Concentrate	17-02-2019	23-02-2019	B+	Expired
566	19I0013872	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
567	19I0013874	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
568	19I0013875	Platelet Concentrate	17-02-2019	23-02-2019	B+	Expired
569	19I0013876	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
570	19I0013879	Platelet Concentrate	17-02-2019	23-02-2019	AB+	Expired
571	19I0013880	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
572	19I0013881	Platelet Concentrate	17-02-2019	23-02-2019	B+	Expired
573	19I0013884	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
574	19I0013886	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
575	19I0013888	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
576	19I0013889	Platelet Concentrate	17-02-2019	23-02-2019	A+	Expired
577	19I0013903	Platelet Concentrate	18-02-2019	24-02-2019	A+	Expired
578	19I0013909	Platelet Concentrate	18-02-2019	24-02-2019	A+	Expired
579	19I0013911	Platelet Concentrate	18-02-2019	24-02-2019	A+	Expired
580	19I0013913	Whole Blood	18-02-2019	25-03-2019	AB+	HCV
581	19I0013921	Platelet Concentrate	18-02-2019	24-02-2019	O+	Expired
582	19I0013944	Platelet Concentrate	19-02-2019	25-02-2019	A+	Expired
583	19I0013948	Platelet Concentrate	19-02-2019	25-02-2019	B+	Expired
584	19I0013952	Platelet Concentrate	19-02-2019	25-02-2019	B+	Expired
585	19I0013953	Platelet Concentrate	19-02-2019	25-02-2019	A+	Expired
586	19I0013956	Platelet Concentrate	19-02-2019	25-02-2019	AB+	Expired
587	19I0013960	Platelet Concentrate	19-02-2019	25-02-2019	A-	Expired
588	19I0013963	Platelet Concentrate	19-02-2019	25-02-2019	A+	Expired
589	19I0013964	Platelet Concentrate	19-02-2019	25-02-2019	A-	Expired
590	19I0014057	Whole Blood	19-02-2019	26-03-2019	O+	HCV
591	19I0014078	Platelet Concentrate	20-02-2019	26-02-2019	O+	Expired
592	19I0014079	Platelet Concentrate	20-02-2019	26-02-2019	AB+	Expired
593	19I0014080	Platelet Concentrate	20-02-2019	26-02-2019	AB+	Expired
594	19I0014082	Platelet Concentrate	20-02-2019	26-02-2019	O-	Expired
595	19I0014086	Platelet Concentrate	20-02-2019	26-02-2019	O-	Expired
596	19I0014087	Platelet Concentrate	20-02-2019	26-02-2019	B+	Expired
597	19I0014088	Whole Blood	20-02-2019	27-03-2019	B+	HCV
598	19I0014090	Platelet Concentrate	20-02-2019	26-02-2019	AB+	Expired
599	19I0014091	Platelet Concentrate	20-02-2019	26-02-2019	B+	Expired
600	19I0014093	Platelet Concentrate	20-02-2019	26-02-2019	O+	Expired
601	19I0014095	Whole Blood	20-02-2019	27-03-2019	B+	HCV
602	19I0014096	Whole Blood	20-02-2019	27-03-2019	AB+	VDRL
603	19I0014100	Platelet Concentrate	20-02-2019	26-02-2019	B+	Expired
604	19I0014102	Platelet Concentrate	20-02-2019	26-02-2019	O+	Expired
605	19I0014104	Whole Blood	20-02-2019	27-03-2019	O+	VDRL
606	19I0014134	Whole Blood	20-02-2019	27-03-2019	O+	VDRL
607	19I0014139	Platelet Concentrate	21-02-2019	27-02-2019	B+	Expired
608	19I0014140	Platelet Concentrate	21-02-2019	27-02-2019	A+	Expired
609	19I0014141	Platelet Concentrate	21-02-2019	27-02-2019	B+	Expired
610	19I0014145	Platelet Concentrate	21-02-2019	27-02-2019	A+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
611	19I0014146	Platelet Concentrate	21-02-2019	27-02-2019	O+	Expired
612	19I0014147	Whole Blood	21-02-2019	28-03-2019	B+	HCV
613	19I0014150	Platelet Concentrate	21-02-2019	27-02-2019	O+	Expired
614	19I0014155	Platelet Concentrate	21-02-2019	27-02-2019	O+	Expired
615	19I0014159	Platelet Concentrate	21-02-2019	27-02-2019	O+	Expired
616	19I0014160	Platelet Concentrate	21-02-2019	27-02-2019	O+	Expired
617	19I0014187	Whole Blood	21-02-2019	28-03-2019	A+	HCV
618	19I0014203	FFP	22-02-2019	22-02-2020	O+	Broken
619	19I0014204	Platelet Concentrate	22-02-2019	28-02-2019	A+	Expired
620	19I0014209	Platelet Concentrate	22-02-2019	28-02-2019	AB+	Expired
621	19I0014210	Platelet Concentrate	22-02-2019	28-02-2019	O+	Expired
622	19I0014211	Platelet Concentrate	22-02-2019	28-02-2019	A-	Expired
623	19I0014213	Platelet Concentrate	22-02-2019	28-02-2019	B-	Expired
624	19I0014219	Platelet Concentrate	22-02-2019	28-02-2019	O+	Expired
625	19I0014220	Platelet Concentrate	22-02-2019	28-02-2019	O+	Expired
626	19I0014224	Platelet Concentrate	22-02-2019	28-02-2019	O-	Expired
627	19I0014225	Platelet Concentrate	22-02-2019	28-02-2019	AB+	Expired
628	19I0014226	Platelet Concentrate	22-02-2019	28-02-2019	O+	Expired
629	19I0014240	FFP	22-02-2019	22-02-2020	O+	RBC Contamination
630	19I0014242	FFP	22-02-2019	22-02-2020	AB+	RBC Contamination
631	19I0014259	Platelet Concentrate	23-02-2019	01-03-2019	A+	Expired
632	19I0014262	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
633	19I0014263	Platelet Concentrate	23-02-2019	01-03-2019	A+	Expired
634	19I0014265	Whole Blood	23-02-2019	30-03-2019	O+	HCV
635	19I0014266	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
636	19I0014267	Platelet Concentrate	23-02-2019	01-03-2019	B+	Expired
637	19I0014268	Platelet Concentrate	23-02-2019	01-03-2019	A+	Expired
638	19I0014269	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
639	19I0014270	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
640	19I0014272	Whole Blood	23-02-2019	30-03-2019	A+	VDRL
641	19I0014274	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
642	19I0014275	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
643	19I0014277	Platelet Concentrate	23-02-2019	01-03-2019	O+	Expired
644	19I0014279	Platelet Concentrate	23-02-2019	01-03-2019	A+	Expired
645	19I0014280	Platelet Concentrate	23-02-2019	01-03-2019	A-	Expired
646	19I0014365	Platelet Concentrate	24-02-2019	02-03-2019	B+	Expired
647	19I0014366	Platelet Concentrate	24-02-2019	02-03-2019	O+	Expired
648	19I0014367	Platelet Concentrate	24-02-2019	02-03-2019	AB+	Expired
649	19I0014368	Platelet Concentrate	24-02-2019	02-03-2019	O+	Expired
650	19I0014370	Platelet Concentrate	24-02-2019	02-03-2019	A+	Expired
651	19I0014371	Platelet Concentrate	24-02-2019	02-03-2019	A-	Expired
652	19I0014375	Platelet Concentrate	24-02-2019	02-03-2019	A-	Expired
653	19I0014380	Platelet Concentrate	24-02-2019	02-03-2019	A+	Expired
654	19I0014386	Platelet Concentrate	24-02-2019	02-03-2019	A+	Expired
655	19I0014387	Platelet Concentrate	24-02-2019	02-03-2019	A+	Expired
656	19I0014407	Whole Blood	24-02-2019	31-03-2019	O+	HCV
657	19I0014408	Whole Blood	24-02-2019	31-03-2019	A+	HCV
658	19I0014450	Whole Blood	24-02-2019	31-03-2019	B+	HCV
659	19I0014473	Whole Blood	24-02-2019	31-03-2019	A+	VDRL
660	19I0014473	Whole Blood	24-02-2019	31-03-2019	B+	HCV
661	19I0014478	Whole Blood	24-02-2019	31-03-2019	O+	HCV
662	19I0014506	Platelet Concentrate	25-02-2019	03-03-2019	A+	Expired
663	19I0014509	Platelet Concentrate	25-02-2019	03-03-2019	O+	Expired
664	19I0014516	Platelet Concentrate	25-02-2019	03-03-2019	O+	Expired
665	19I0014517	Platelet Concentrate	25-02-2019	03-03-2019	A+	Expired
666	19I0014519	Platelet Concentrate	25-02-2019	03-03-2019	B+	Expired
667	19I0014520	Platelet Concentrate	25-02-2019	03-03-2019	O+	Expired
668	19I0014523	Platelet Concentrate	25-02-2019	03-03-2019	O+	Expired
669	19I0014532	Whole Blood	25-02-2019	01-04-2019	B-	HCV
670	19I0014552	Platelet Concentrate	26-02-2019	04-03-2019	B+	Expired
671	19I0014553	Platelet Concentrate	26-02-2019	04-03-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
672	19I0014554	Platelet Concentrate	26-02-2019	04-03-2019	O+	Expired
673	19I0014555	Platelet Concentrate	26-02-2019	04-03-2019	O+	Expired
674	19I0014557	Platelet Concentrate	26-02-2019	04-03-2019	B+	Expired
675	19I0014559	Platelet Concentrate	26-02-2019	04-03-2019	O+	Expired
676	19I0014562	Platelet Concentrate	26-02-2019	04-03-2019	A+	Expired
677	19I0014565	Platelet Concentrate	26-02-2019	04-03-2019	O+	Expired
678	19I0014569	Platelet Concentrate	26-02-2019	04-03-2019	O+	Expired
679	19I0014574	Platelet Concentrate	26-02-2019	04-03-2019	O+	Expired
680	19I0014588	Whole Blood	27-02-2019	03-04-2019	O+	HCV
681	19I0014590	Platelet Concentrate	27-02-2019	05-03-2019	B+	Expired
682	19I0014596	Platelet Concentrate	27-02-2019	05-03-2019	AB+	Expired
683	19I0014597	Platelet Concentrate	27-02-2019	05-03-2019	A+	Expired
684	19I0014598	Whole Blood	27-02-2019	03-04-2019	A+	HCV
685	19I0014600	Platelet Concentrate	27-02-2019	05-03-2019	O+	Expired
686	19I0014601	Platelet Concentrate	27-02-2019	05-03-2019	A+	Expired
687	19I0014604	Platelet Concentrate	27-02-2019	05-03-2019	O+	Expired
688	19I0014606	Platelet Concentrate	27-02-2019	05-03-2019	O+	Expired
689	19I0014607	Platelet Concentrate	27-02-2019	05-03-2019	A+	Expired
690	19I0014608	Platelet Concentrate	27-02-2019	05-03-2019	O+	Expired
691	19I0014609	Platelet Concentrate	27-02-2019	05-03-2019	O+	Expired
692	19I0014610	Platelet Concentrate	27-02-2019	05-03-2019	O+	Expired
693	19I0014613	Platelet Concentrate	27-02-2019	05-03-2019	A+	Expired
694	19I0014625	Whole Blood	27-02-2019	03-04-2019	O+	HCV
695	19I0014648	Platelet Concentrate	28-02-2019	06-03-2019	O+	Expired
696	19I0014688	FFP	28-02-2019	28-02-2020	B+	Broken
697	19I0014719	Cryoprecipitate	01-03-2019	29-02-2020	O-	Broken
698	19I0014728	Cryoprecipitate	01-03-2019	29-02-2020	O+	Lipemic
699	19I0014735	Platelet Concentrate	01-03-2019	07-03-2019	O+	Expired
700	19I0014736	Whole Blood	01-03-2019	05-04-2019	O+	QNS
701	19I0014742	Cryoprecipitate	01-03-2019	29-02-2020	O+	Broken
702	19I0014745	Cryoprecipitate	01-03-2019	29-02-2020	O+	Broken
703	19I0014747	Cryoprecipitate	01-03-2019	29-02-2020	O+	Broken
704	19I0014749	Whole Blood	01-03-2019	05-04-2019	O+	VDRL
705	19I0014754	Whole Blood	02-03-2019	06-04-2019	O+	VDRL
706	19I0014756	Whole Blood	02-03-2019	06-04-2019	A+	QNS
707	19I0014780	Whole Blood	02-03-2019	06-04-2019	AB+	HCV
708	19I0014783	Whole Blood	02-03-2019	06-04-2019	AB-	VDRL
709	19I0014803	Whole Blood	02-03-2019	06-04-2019	B+	HBV
710	19I0014834	Whole Blood	02-03-2019	06-04-2019	B+	VDRL
711	19I0014835	Whole Blood	02-03-2019	06-04-2019	A+	VDRL
712	19I0014854	Whole Blood	02-03-2019	06-04-2019	A+	HCV
713	19I0014866	Whole Blood	02-03-2019	06-04-2019	A+	HCV,HIV
714	19I0014876	Whole Blood	02-03-2019	06-04-2019	O+	QNS
715	19I0014943	Whole Blood	02-03-2019	06-04-2019	O+	HCV
716	19I0014736	Platelet Concentrate	01-03-2019	07-03-2019	O+	Expired
717	19I0014737	Platelet Concentrate	01-03-2019	07-03-2019	O+	Expired
718	19I0014738	Platelet Concentrate	01-03-2019	07-03-2019	O+	Expired
719	19I0014944	Platelet Concentrate	02-03-2019	08-03-2019	O+	Expired
720	19I0014950	Platelet Concentrate	02-03-2019	08-03-2019	O+	Expired
721	19I0014951	Platelet Concentrate	02-03-2019	08-03-2019	O+	Expired
722	19I0014956	Platelet Concentrate	02-03-2019	08-03-2019	A+	Expired
723	19I0014958	Platelet Concentrate	02-03-2019	08-03-2019	O+	Expired
724	19I0014959	Platelet Concentrate	01-03-2019	07-03-2019	O+	Expired
725	19I0014961	Platelet Concentrate	02-03-2019	08-03-2019	O-	Expired
726	19I0014965	Platelet Concentrate	02-03-2019	08-03-2019	O+	Expired
727	19I0014966	Platelet Concentrate	02-03-2019	07-03-2019	B+	QNS
728	19I0014967	Platelet Concentrate	02-03-2019	07-03-2019	B+	QNS
729	19I0014968	Platelet Concentrate	02-03-2019	07-03-2019	B+	QNS
730	19I0014990	Platelet Concentrate	03-03-2019	09-03-2019	AB+	Expired
731	19I0014994	Platelet Concentrate	03-03-2019	09-03-2019	B+	Expired
732	19I0014995	Platelet Concentrate	03-03-2019	09-03-2019	AB-	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
733	19I0014996	Platelet Concentrate	03-03-2019	09-03-2019	B+	Expired
734	19I0014997	Platelet Concentrate	02-03-2019	07-03-2019	B+	QNS
735	19I0014998	Platelet Concentrate	02-03-2019	07-03-2019	B+	QNS
736	19I0015000	Platelet Concentrate	03-03-2019	09-03-2019	A-	Expired
737	19I0015001	Platelet Concentrate	03-03-2019	08-03-2019	A+	QNS
738	19I0015002	Platelet Concentrate	03-03-2019	08-03-2019	A+	QNS
739	19I0015003	Platelet Concentrate	03-03-2019	08-03-2019	A+	QNS
740	19I0015005	Platelet Concentrate	03-03-2019	08-03-2019	A+	QNS
741	19I0015006	Platelet Concentrate	03-03-2019	09-03-2019	B+	Expired
742	19I0015007	Platelet Concentrate	03-03-2019	09-03-2019	AB+	Expired
743	19I0015008	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
744	19I0015009	Platelet Concentrate	03-03-2019	09-03-2019	AB+	Expired
745	19I0015010	Platelet Concentrate	03-03-2019	09-03-2019	B+	Expired
746	19I0015012	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
747	19I0015014	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
748	19I0015039	Whole Blood	04-03-2019	08-04-2019	O+	Lipemic
749	19I0015040	Whole Blood	04-03-2019	08-04-2019	B+	HCV
750	19I0015068	Whole Blood	04-03-2019	08-04-2019	AB-	Hemolysed
751	19I0015015	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
752	19I0015017	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
753	19I0015017	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
754	19I0015018	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
755	19I0015020	Platelet Concentrate	03-03-2019	09-03-2019	O+	Expired
756	19I0015073	Platelet Concentrate	04-03-2019	08-03-2019	AB-	Expired
757	19I0015105	Whole Blood	04-03-2019	08-04-2019	O+	HCV
758	19I0015130	Whole Blood	04-03-2019	08-04-2019	A+	Clot
759	19I0015135	Whole Blood	04-03-2019	08-04-2019	A+	Clot
760	19I0015141	Whole Blood	04-03-2019	08-04-2019	B+	Broken
761	19I0015146	Whole Blood	04-03-2019	08-04-2019	AB+	VDRL
762	19I0015176	Whole Blood	04-03-2019	08-04-2019	A+	HCV
763	19I0015177	Whole Blood	04-03-2019	08-04-2019	AB+	HIV
764	19I0015190	Whole Blood	04-03-2019	08-04-2019	O+	Lipemic
765	19I0015208	Whole Blood	04-03-2019	08-04-2019	A+	QNS
766	19I0015213	Whole Blood	04-03-2019	08-04-2019	B+	QNS
767	19I0015247	Whole Blood	04-03-2019	08-04-2019	AB-	HCV
768	19I0015266	Platelet Concentrate	04-03-2019	08-03-2019	AB-	QNS
769	19I0015277	Platelet Concentrate	04-03-2019	08-03-2019	B+	Expired
770	19I0015281	Platelet Concentrate	04-03-2019	08-03-2019	AB+	Expired
771	19I0015315	Platelet Concentrate	04-03-2019	10-03-2019	B+	Expired
772	19I0015318	Platelet Concentrate	04-03-2019	10-03-2019	B+	Expired
773	19I0015319	Platelet Concentrate	04-03-2019	10-03-2019	A+	Expired
774	19I0015320	Platelet Concentrate	04-03-2019	10-03-2019	B+	Expired
775	19I0015321	Platelet Concentrate	04-03-2019	10-03-2019	B-	Expired
776	19I0015322	Platelet Concentrate	04-03-2019	10-03-2019	B+	Expired
777	19I0015323	Platelet Concentrate	04-03-2019	10-03-2019	B+	Expired
778	19I0015324	Platelet Concentrate	04-03-2019	10-03-2019	AB+	Expired
779	19I0015326	Platelet Concentrate	04-03-2019	10-03-2019	AB+	Expired
780	19I0015327	Platelet Concentrate	04-03-2019	10-03-2019	O+	Expired
781	19I0015328	Platelet Concentrate	04-03-2019	08-03-2019	B+	Expired
782	19I0015328	Platelet Concentrate	04-03-2019	10-03-2019	A+	Expired
783	19I0015330	Platelet Concentrate	04-03-2019	10-03-2019	O+	QNS
784	19I0015360	Platelet Concentrate	05-03-2019	11-03-2019	AB+	Expired
785	19I0015364	Platelet Concentrate	05-03-2019	11-03-2019	B+	Expired
786	19I0015367	Platelet Concentrate	05-03-2019	11-03-2019	O+	Expired
787	19I0015372	Platelet Concentrate	05-03-2019	11-03-2019	B-	Expired
788	19I0015373	Platelet Concentrate	05-03-2019	11-03-2019	B+	Expired
789	19I0015381	Cryoprecipitate	05-03-2019	04-03-2020	B+	Lipemic
790	19I0015383	Platelet Concentrate	05-03-2019	08-03-2019	B+	QNS
791	19I0015384	Platelet Concentrate	05-03-2019	10-03-2019	B+	RBC Contamination
792	19I0015387	Platelet Concentrate	05-03-2019	10-03-2019	B+	Broken
793	19I0015249	Whole Blood	04-03-2019	08-04-2019	AB-	QNS

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
794	19I0015390	Whole Blood	05-03-2019	09-04-2019	A-	Expired
795	19I0015400	Platelet Concentrate	06-03-2019	08-03-2019	B+	QNS
796	19I0015401	Platelet Concentrate	06-03-2019	12-03-2019	B+	RBC Contamination
797	19I0015412	Whole Blood	06-03-2019	10-04-2019	O+	VDRL
798	19I0015413	Whole Blood	06-03-2019	10-04-2019	B+	VDRL
799	19I0015416	Platelet Concentrate	06-03-2019	12-03-2019	A+	Expired
800	19I0015427	Whole Blood	06-03-2019	10-04-2019	O+	HCV
801	19I0015437	Whole Blood	07-03-2019	11-04-2019	AB+	VDRL
802	19I0015440	Platelet Concentrate	07-03-2019	13-03-2019	O+	Expired
803	19I0015442	Whole Blood	07-03-2019	11-04-2019	B+	HCV
804	19I0015444	Platelet Concentrate	07-03-2019	13-03-2019	O+	Expired
805	19I0015447	Platelet Concentrate	07-03-2019	13-03-2019	B+	Expired
806	19I0015449	Platelet Concentrate	07-03-2019	13-03-2019	B+	Expired
807	19I0015450	Platelet Concentrate	07-03-2019	13-03-2019	B-	Expired
808	19I0015452	Platelet Concentrate	07-03-2019	08-03-2019	B+	RBC Contamination
809	19I0015457	Platelet Concentrate	07-03-2019	13-03-2019	AB+	Expired
810	19I0015458	Platelet Concentrate	07-03-2019	13-03-2019	A-	Expired
811	19I0015460	Platelet Concentrate	07-03-2019	13-03-2019	B+	Expired
812	19I0015463	Platelet Concentrate	07-03-2019	13-03-2019	AB+	Expired
813	19I0015473	Platelet Concentrate	08-03-2019	14-03-2019	A+	Expired
814	19I0015474	Platelet Concentrate	08-03-2019	14-03-2019	AB+	Expired
815	19I0015476	Platelet Concentrate	08-03-2019	14-03-2019	O+	Expired
816	19I0015478	Platelet Concentrate	08-03-2019	14-03-2019	B+	Expired
817	19I0015489	Whole Blood	08-03-2019	12-04-2019	A+	HCV
818	19I0015494	Whole Blood	08-03-2019	12-04-2019	B+	HCV
819	19I0015506	Whole Blood	09-03-2019	13-04-2019	A+	HCV
820	19I0015519	Whole Blood	09-03-2019	13-04-2019	O+	VDRL
821	19I0015530	Platelet Concentrate	09-03-2019	15-03-2019	B-	Expired
822	19I0015531	Whole Blood	09-03-2019	13-04-2019	A-	HCV
823	19I0015542	Platelet Concentrate	09-03-2019	15-03-2019	AB+	Expired
824	19I0015550	Platelet Concentrate	10-03-2019	08-03-2019	B+	RBC Contamination
825	19I0015624	Whole Blood	10-03-2019	14-04-2019	AB+	VDRL
826	19I0015650	Platelet Concentrate	10-03-2019	08-03-2019	AB+	Broken
827	19I0015656	Platelet Concentrate	10-03-2019	16-03-2019	A+	Expired
828	19I0015659	Platelet Concentrate	10-03-2019	16-03-2019	AB+	Expired
829	19I0015660	Whole Blood	10-03-2019	14-04-2019	B-	VDRL
830	19I0015682	Platelet Concentrate	11-03-2019	17-03-2019	B+	Expired
831	19I0015685	Whole Blood	11-03-2019	15-04-2019	B+	HCV
832	19I0015690	Platelet Concentrate	11-03-2019	17-03-2019	O+	Expired
833	19I0015694	Platelet Concentrate	11-03-2019	17-03-2019	B+	Expired
834	19I0015696	Whole Blood	11-03-2019	15-04-2019	A+	HCV
835	19I0015738	Whole Blood	12-03-2019	16-04-2019	O-	HCV
836	19I0015743	Platelet Concentrate	12-03-2019	18-03-2019	B+	Expired
837	19I0015747	Platelet Concentrate	12-03-2019	18-03-2019	B+	Expired
838	19I0015748	Platelet Concentrate	12-03-2019	18-03-2019	B+	Expired
839	19I0015749	Platelet Concentrate	12-03-2019	18-03-2019	B+	Expired
840	19I0015749	Platelet Concentrate	12-03-2019	08-03-2019	B+	Broken
841	19I0015755	Whole Blood	12-03-2019	16-04-2019	B+	HCV
842	19I0015764	Platelet Concentrate	12-03-2019	08-03-2019	B+	Expired
843	19I0015783	Platelet Concentrate	13-03-2019	19-03-2019	B-	Expired
844	19I0015786	Platelet Concentrate	13-03-2019	19-03-2019	A+	Expired
845	19I0015787	Platelet Concentrate	13-03-2019	19-03-2019	B+	Expired
846	19I0015790	Platelet Concentrate	13-03-2019	19-03-2019	B+	Expired
847	19I0015796	Platelet Concentrate	13-03-2019	19-03-2019	B+	Expired
848	19I0015805	Whole Blood	13-03-2019	17-04-2019	B+	HCV
849	19I0015815	Whole Blood	13-03-2019	17-04-2019	A-	HBV
850	19I0015820	Platelet Concentrate	14-03-2019	20-03-2019	B+	Expired
851	19I0015821	Platelet Concentrate	14-03-2019	20-03-2019	B+	Expired
852	19I0015828	Platelet Concentrate	14-03-2019	20-03-2019	B+	Expired
853	19I0015829	Platelet Concentrate	14-03-2019	20-03-2019	B-	Expired
854	19I0015831	Platelet Concentrate	14-03-2019	20-03-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
855	19I0015834	Platelet Concentrate	14-03-2019	20-03-2019	B+	Expired
856	19I0015837	Platelet Concentrate	14-03-2019	20-03-2019	B+	Expired
857	19I0015855	Whole Blood	14-03-2019	18-04-2019	O+	VDRL
858	19I0015873	Platelet Concentrate	15-03-2019	21-03-2019	B+	Expired
859	19I0015875	Platelet Concentrate	15-03-2019	21-03-2019	AB+	Expired
860	19I0015877	Platelet Concentrate	15-03-2019	21-03-2019	A+	Expired
861	19I0015879	Platelet Concentrate	15-03-2019	21-03-2019	A+	Expired
862	19I0015880	Platelet Concentrate	15-03-2019	21-03-2019	B+	Expired
863	19I0015882	Platelet Concentrate	15-03-2019	08-03-2019	AB+	Expired
864	19I0015883	Platelet Concentrate	15-03-2019	21-03-2019	AB+	Expired
865	19I0015886	Platelet Concentrate	15-03-2019	21-03-2019	B+	Expired
866	19I0015888	Platelet Concentrate	15-03-2019	21-03-2019	B+	Expired
867	19I0015889	Platelet Concentrate	15-03-2019	21-03-2019	B+	Expired
868	19I0015890	Platelet Concentrate	15-03-2019	21-03-2019	B-	Expired
869	19I0015895	Platelet Concentrate	15-03-2019	21-03-2019	O+	Expired
870	19I0015897	Platelet Concentrate	15-03-2019	21-03-2019	B-	Expired
871	19I0015923	Whole Blood	15-03-2019	19-04-2019	B-	HCV
872	19I0015933	Whole Blood	15-03-2019	19-04-2019	B+	HCV
873	19I0015935	Whole Blood	15-03-2019	19-04-2019	B+	HBV
874	19I0015953	Platelet Concentrate	15-03-2019	08-03-2019	O+	Expired
875	19I0015969	Whole Blood	15-03-2019	19-04-2019	AB+	HCV
876	19I0015980	Whole Blood	15-03-2019	19-04-2019	AB+	VDRL
877	19I0016012	Whole Blood	15-03-2019	19-04-2019	AB+	HBV,HCV,HIV
878	19I0016014	Platelet Concentrate	15-03-2019	08-03-2019	AB+	Broken
879	19I0016042	PRBC	16-03-2019	27-04-2019	A+	Lipemic
880	19I0016044	Whole Blood	16-03-2019	20-04-2019	B+	HBV
881	19I0016046	Platelet Concentrate	16-03-2019	22-03-2019	O+	Expired
882	19I0016046	Cryoprecipitate	16-03-2019	15-03-2020	O+	Broken
883	19I0016051	Platelet Concentrate	16-03-2019	22-03-2019	B+	Expired
884	19I0016054	Whole Blood	16-03-2019	20-04-2019	O+	HCV
885	19I0016055	Platelet Concentrate	16-03-2019	22-03-2019	O+	Expired
886	19I0016056	Platelet Concentrate	16-03-2019	22-03-2019	O+	Expired
887	19I0016060	Platelet Concentrate	16-03-2019	22-03-2019	B+	Expired
888	19I0016065	Platelet Concentrate	16-03-2019	22-03-2019	AB+	Expired
889	19I0016094	Whole Blood	16-03-2019	20-04-2019	B+	HCV
890	19I0016095	PRBC	16-03-2019	27-04-2019	B+	QNS
891	19I0016119	PRBC	16-03-2019	27-04-2019	B+	QNS
892	19I0016122	PRBC	16-03-2019	27-04-2019	O+	Lipemic
893	19I0016123	PRBC	16-03-2019	27-04-2019	AB+	Broken
894	19I0016141	Cryoprecipitate	16-03-2019	15-03-2020	B+	Broken
895	19I0016145	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
896	19I0016146	Platelet Concentrate	17-03-2019	23-03-2019	B+	Expired
897	19I0016148	Platelet Concentrate	17-03-2019	23-03-2019	B+	Expired
898	19I0016150	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
899	19I0016151	Platelet Concentrate	17-03-2019	23-03-2019	O+	Expired
900	19I0016153	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
901	19I0016154	Platelet Concentrate	17-03-2019	23-03-2019	B+	Expired
902	19I0016156	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
903	19I0016158	Leucofilter PRBC	17-03-2019	28-04-2019	AB+	QNS
904	19I0016159	FFP	17-03-2019	16-03-2020	AB+	Expired
905	19I0016159	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
906	19I0016162	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
907	19I0016163	Platelet Concentrate	17-03-2019	23-03-2019	B+	Expired
908	19I0016165	Platelet Concentrate	17-03-2019	23-03-2019	O+	Expired
909	19I0016166	PRBC	17-03-2019	28-04-2019	AB+	QNS
910	19I0016167	Platelet Concentrate	17-03-2019	23-03-2019	AB+	Expired
911	19I0016172	PRBC	17-03-2019	28-04-2019	A+	QNS
912	19I0016197	Whole Blood	17-03-2019	21-04-2019	B+	HCV
913	19I0016230	Leucofilter PRBC	18-03-2019	29-04-2019	AB+	QNS
914	19I0016235	Platelet Concentrate	18-03-2019	24-03-2019	AB+	Expired
915	19I0016237	Platelet Concentrate	18-03-2019	24-03-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
916	19I0016241	Platelet Concentrate	18-03-2019	24-03-2019	B+	Expired
917	19I0016254	PRBC	19-03-2019	30-04-2019	B+	QNS
918	19I0016257	Platelet Concentrate	19-03-2019	25-03-2019	B+	Expired
919	19I0016259	Platelet Concentrate	19-03-2019	25-03-2019	B+	Expired
920	19I0016260	Platelet Concentrate	19-03-2019	25-03-2019	AB+	Expired
921	19I0016260	Leucofilter PRBC	19-03-2019	30-04-2019	AB+	Expired
922	19I0016263	Platelet Concentrate	19-03-2019	25-03-2019	B-	Expired
923	19I0016264	Platelet Concentrate	19-03-2019	25-03-2019	B+	Expired
924	19I0016265	Platelet Concentrate	19-03-2019	25-03-2019	O+	Expired
925	19I0016267	Platelet Concentrate	19-03-2019	25-03-2019	B+	Expired
926	19I0016295	FFP	19-03-2019	18-03-2020	B+	Lipemic
927	19I0016313	Platelet Concentrate	20-03-2019	26-03-2019	B-	Expired
928	19I0016321	Platelet Concentrate	20-03-2019	26-03-2019	B+	Expired
929	19I0016325	Whole Blood	20-03-2019	24-04-2019	B+	HIV
930	19I0016325	Whole Blood	20-03-2019	24-04-2019	B+	HCV
931	19I0016334	Platelet Concentrate	20-03-2019	10-03-2019	A+	RBC Contamination
932	19I0016341	Platelet Concentrate	20-03-2019	10-03-2019	O+	Lipemic
933	19I0016353	Platelet Concentrate	21-03-2019	27-03-2019	B+	Expired
934	19I0016354	FFP	21-03-2019	20-03-2020	A+	Broken
935	19I0016361	Platelet Concentrate	21-03-2019	27-03-2019	A+	Expired
936	19I0016362	Whole Blood	21-03-2019	25-04-2019	O+	HCV
937	19I0016369	Whole Blood	21-03-2019	25-04-2019	A+	HCV
938	19I0016371	Platelet Concentrate	21-03-2019	27-03-2019	A+	Expired
939	19I0016373	Platelet Concentrate	21-03-2019	27-03-2019	O+	Expired
940	19I0016388	Whole Blood	21-03-2019	25-04-2019	A-	HBV
941	19I0016403	Platelet Concentrate	22-03-2019	28-03-2019	A-	Expired
942	19I0016404	Platelet Concentrate	22-03-2019	28-03-2019	A-	RBC Contamination
943	19I0016406	Platelet Concentrate	22-03-2019	28-03-2019	B-	Expired
944	19I0016411	Platelet Concentrate	22-03-2019	28-03-2019	B-	Expired
945	19I0016414	Platelet Concentrate	22-03-2019	28-03-2019	AB+	Expired
946	19I0016415	Whole Blood	22-03-2019	26-04-2019	O-	HCV
947	19I0016436	FFP	22-03-2019	21-03-2020	A-	Broken
948	19I0016452	Whole Blood	22-03-2019	26-04-2019	B+	HCV
949	19I0016455	Whole Blood	23-03-2019	27-04-2019	O+	HBV
950	19I0016458	Platelet Concentrate	23-03-2019	29-03-2019	A+	Expired
951	19I0016465	Platelet Concentrate	23-03-2019	29-03-2019	AB+	Expired
952	19I0016467	Whole Blood	23-03-2019	27-04-2019	AB+	VDRL
953	19I0016468	Platelet Concentrate	23-03-2019	29-03-2019	B+	Expired
954	19I0016473	Platelet Concentrate	23-03-2019	29-03-2019	O+	Expired
955	19I0016477	Platelet Concentrate	23-03-2019	29-03-2019	B+	Expired
956	19I0016484	FFP	23-03-2019	22-03-2020	O+	Broken
957	19I0016512	Platelet Concentrate	24-03-2019	30-03-2019	B+	Expired
958	19I0016516	Leucofilter PRBC	24-03-2019	05-05-2019	A+	Expired
959	19I0016516	Platelet Concentrate	24-03-2019	30-03-2019	A+	Expired
960	19I0016532	Platelet Concentrate	24-03-2019	30-03-2019	A-	Expired
961	19I0016533	Platelet Concentrate	24-03-2019	30-03-2019	A+	Expired
962	19I0016559	Whole Blood	24-03-2019	28-04-2019	O-	HCV
963	19I0016579	PRBC	24-03-2019	05-05-2019	O+	QNS
964	19I0016616	Whole Blood	24-03-2019	28-04-2019	O+	HCV
965	19I0016620	Whole Blood	24-03-2019	28-04-2019	B+	HCV
966	19I0016627	Whole Blood	24-03-2019	28-04-2019	B+	VDRL
967	19I0016632	Whole Blood	24-03-2019	28-04-2019	O+	VDRL
968	19I0016635	PRBC	24-03-2019	05-05-2019	A+	Clot
969	19I0016637	PRBC	24-03-2019	05-05-2019	B+	Clot
970	19I0016645	Platelet Concentrate	25-03-2019	31-03-2019	AB+	Expired
971	19I0016650	Platelet Concentrate	25-03-2019	31-03-2019	B+	Expired
972	19I0016654	Platelet Concentrate	25-03-2019	31-03-2019	B+	Expired
973	19I0016655	Platelet Concentrate	25-03-2019	31-03-2019	B+	Expired
974	19I0016657	Platelet Concentrate	25-03-2019	31-03-2019	B-	Expired
975	19I0016660	Platelet Concentrate	25-03-2019	31-03-2019	AB+	Expired
976	19I0016661	Platelet Concentrate	25-03-2019	31-03-2019	B+	Expired

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977	19I0016661	Leucofilter PRBC	25-03-2019	06-05-2019	B+	Broken
978	19I0016662	Platelet Concentrate	25-03-2019	31-03-2019	B+	Expired
979	19I0016666	Platelet Concentrate	25-03-2019	31-03-2019	O-	Expired
980	19I0016667	Whole Blood	25-03-2019	29-04-2019	O+	HCV
981	19I0016668	Platelet Concentrate	25-03-2019	31-03-2019	O+	Expired
982	19I0016689	Whole Blood	25-03-2019	29-04-2019	O+	HCV
983	19I0016696	Platelet Concentrate	26-03-2019	01-04-2019	O-	Expired
984	19I0016698	Platelet Concentrate	26-03-2019	01-04-2019	O-	Expired
985	19I0016699	Platelet Concentrate	26-03-2019	01-04-2019	O+	Expired
986	19I0016703	Platelet Concentrate	26-03-2019	01-04-2019	A+	Expired
987	19I0016707	Whole Blood	26-03-2019	30-04-2019	O+	HCV
988	19I0016710	Platelet Concentrate	26-03-2019	01-04-2019	A+	Expired
989	19I0016712	Platelet Concentrate	26-03-2019	01-04-2019	A+	Expired
990	19I0016714	Platelet Concentrate	26-03-2019	01-04-2019	O+	Expired
991	19I0016716	Whole Blood	26-03-2019	30-04-2019	B+	HCV
992	19I0016753	Whole Blood	26-03-2019	30-04-2019	B+	VDRL
993	19I0016754	Platelet Concentrate	27-03-2019	02-04-2019	AB+	Expired
994	19I0016757	Platelet Concentrate	27-03-2019	02-04-2019	B+	Expired
995	19I0016758	Platelet Concentrate	27-03-2019	02-04-2019	O+	Expired
996	19I0016763	Platelet Concentrate	27-03-2019	02-04-2019	B+	Expired
997	19I0016768	Platelet Concentrate	27-03-2019	02-04-2019	AB+	Expired
998	19I0016769	Platelet Concentrate	27-03-2019	02-04-2019	B-	Expired
999	19I0016771	Platelet Concentrate	27-03-2019	02-04-2019	AB+	Expired
1000	19I0016772	Platelet Concentrate	27-03-2019	02-04-2019	B+	Expired
1001	19I0016788	Whole Blood	27-03-2019	01-05-2019	AB+	HCV
1002	19I0016815	FFP	27-03-2019	26-03-2020	B+	Broken
1003	19I0016773	Platelet Concentrate	27-03-2019	02-04-2019	B+	Expired
1004	19I0016775	Platelet Concentrate	27-03-2019	02-04-2019	B+	Expired
1005	19I0016777	Platelet Concentrate	27-03-2019	02-04-2019	B+	Expired
1006	19I0016833	Platelet Concentrate	28-03-2019	03-04-2019	AB+	Expired
1007	19I0016834	Platelet Concentrate	28-03-2019	03-04-2019	AB+	Expired
1008	19I0016843	Whole Blood	28-03-2019	02-05-2019	B+	HCV
1009	19I0016856	FFP	28-03-2019	27-03-2020	AB+	Broken
1010	19I0016861	Whole Blood	28-03-2019	02-05-2019	B+	HCV
1011	19I0016870	Whole Blood	28-03-2019	02-05-2019	B+	HBV
1012	19I0016879	Platelet Concentrate	29-03-2019	04-04-2019	B+	Expired
1013	19I0016880	Platelet Concentrate	29-03-2019	04-04-2019	B+	Expired
1014	19I0016881	Platelet Concentrate	29-03-2019	04-04-2019	B+	Expired
1015	19I0016884	Platelet Concentrate	29-03-2019	04-04-2019	O+	Expired
1016	19I0016893	Platelet Concentrate	29-03-2019	04-04-2019	B-	Expired
1017	19I0016897	PRBC	29-03-2019	10-05-2019	B+	QNS
1018	19I0016901	Platelet Concentrate	29-03-2019	04-04-2019	O+	Expired
1019	19I0016974	Whole Blood	30-03-2019	04-05-2019	AB-	HBV
1020	19I0016988	Platelet Concentrate	31-03-2019	06-04-2019	AB+	Expired
1021	19I0016990	Whole Blood	31-03-2019	05-05-2019	B+	VDRL
1022	19I0016991	Platelet Concentrate	31-03-2019	06-04-2019	B+	Expired
1023	19I0016997	Platelet Concentrate	31-03-2019	06-04-2019	AB+	Expired
1024	19I0016998	Platelet Concentrate	31-03-2019	06-04-2019	B+	Expired
1025	19I0017003	Platelet Concentrate	31-03-2019	06-04-2019	B+	Expired
1026	19I0017004	Platelet Concentrate	31-03-2019	06-04-2019	B+	Expired
1027	19I0017005	Platelet Concentrate	31-03-2019	06-04-2019	B+	Expired
1028	19I0017007	Platelet Concentrate	31-03-2019	06-04-2019	AB+	Expired
1029	19I0017008	Platelet Concentrate	31-03-2019	06-04-2019	B+	Expired
1030	19I0017012	Whole Blood	31-03-2019	05-05-2019	B+	HCV
1031	19I0017023	Whole Blood	01-04-2019	06-05-2019	O+	VDRL
1032	19I0017066	Whole Blood	01-04-2019	06-05-2019	O+	HCV
1033	19I0017157	Whole Blood	01-04-2019	06-05-2019	O+	VDRL
1034	19I0017165	Whole Blood	01-04-2019	13-05-2019	B+	Broken
1035	19I0017178	Whole Blood	01-04-2019	06-05-2019	B+	HBV
1036	19I0017238	Platelet Concentrate	01-04-2019	07-04-2019	AB+	Expired
1037	19I0017241	Platelet Concentrate	01-04-2019	07-04-2019	AB+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1038	19I0017244	Platelet Concentrate	01-04-2019	07-04-2019	B+	Expired
1039	19I0017246	Platelet Concentrate	01-04-2019	07-04-2019	AB+	Expired
1040	19I0017253	FFP	01-04-2019	31-03-2020	O+	Expired
1041	19I0017254	FFP	01-04-2019	31-03-2020	O+	Expired
1042	19I0017255	FFP	01-04-2019	31-03-2020	B+	Expired
1043	19I0017257	Platelet Concentrate	01-04-2019	07-04-2019	B+	Expired
1044	19I0017260	Platelet Concentrate	01-04-2019	07-04-2019	O+	Expired
1045	19I0017270	FFP	01-04-2019	31-03-2020	O+	Broken
1046	19I0017304	Whole Blood	01-04-2019	06-05-2019	O+	HCV
1047	19I0017313	Whole Blood	01-04-2019	06-05-2019	AB+	HBV
1048	19I0017319	Platelet Concentrate	02-04-2019	08-04-2019	B+	Expired
1049	19I0017320	Platelet Concentrate	02-04-2019	08-04-2019	A+	Expired
1050	19I0017323	Platelet Concentrate	02-04-2019	08-04-2019	B+	Expired
1051	19I0017325	Platelet Concentrate	02-04-2019	08-04-2019	B+	Expired
1052	19I0017327	Whole Blood	02-04-2019	07-05-2019	B+	HCV
1053	19I0017328	Platelet Concentrate	02-04-2019	08-04-2019	B+	Expired
1054	19I0017333	Platelet Concentrate	02-04-2019	08-04-2019	O+	Expired
1055	19I0017334	Platelet Concentrate	02-04-2019	08-04-2019	A+	Expired
1056	19I0017335	Platelet Concentrate	02-04-2019	08-04-2019	O+	Expired
1057	19I0017338	Platelet Concentrate	02-04-2019	08-04-2019	AB+	Expired
1058	19I0017347	Whole Blood	02-04-2019	07-05-2019	B+	HCV
1059	19I0017355	Whole Blood	02-04-2019	07-05-2019	B+	VDRL
1060	19I0017364	Whole Blood	02-04-2019	07-05-2019	B+	HCV
1061	19I0017368	Whole Blood	02-04-2019	07-05-2019	O+	HCV
1062	19I0017385	Whole Blood	02-04-2019	07-05-2019	A+	HCV
1063	19I0017393	Whole Blood	02-04-2019	07-05-2019	AB+	HCV
1064	19I0017394	Whole Blood	02-04-2019	07-05-2019	O+	HCV
1065	19I0017402	Whole Blood	02-04-2019	14-05-2019	O+	QNS
1066	19I0017405	Whole Blood	02-04-2019	07-05-2019	B+	VDRL
1067	19I0017426	Whole Blood	03-04-2019	08-05-2019	A+	HBV
1068	19I0017435	Whole Blood	03-04-2019	08-05-2019	B+	HCV
1069	19I0017438	Platelet Concentrate	03-04-2019	09-04-2019	B+	Expired
1070	19I0017440	Whole Blood	03-04-2019	08-05-2019	B+	HCV
1071	19I0017441	Platelet Concentrate	03-04-2019	09-04-2019	B+	Expired
1072	19I0017444	Whole Blood	03-04-2019	08-05-2019	B+	HIV
1073	19I0017461	Whole Blood	03-04-2019	08-05-2019	O+	HCV
1074	19I0017485	Whole Blood	03-04-2019	08-05-2019	A+	HCV
1075	19I0017492	Platelet Concentrate	04-04-2019	10-04-2019	O+	Expired
1076	19I0017493	Platelet Concentrate	04-04-2019	10-04-2019	AB+	Expired
1077	19I0017497	Platelet Concentrate	04-04-2019	10-04-2019	B+	Expired
1078	19I0017500	Whole Blood	04-04-2019	09-05-2019	A+	VDRL
1079	19I0017504	Whole Blood	04-04-2019	09-05-2019	O+	VDRL
1080	19I0017507	Platelet Concentrate	04-04-2019	10-04-2019	AB+	Expired
1081	19I0017520	Whole Blood	04-04-2019	09-05-2019	B-	HCV
1082	19I0017565	Whole Blood	04-04-2019	09-05-2019	B+	HCV
1083	19I0017575	FFP	04-04-2019	03-04-2020	O+	RBC Contamination
1084	19I0017577	Whole Blood	05-04-2019	10-05-2019	AB+	HCV
1085	19I0017581	Whole Blood	05-04-2019	10-05-2019	B+	VDRL
1086	19I0017585	Platelet Concentrate	05-04-2019	11-04-2019	B+	Expired
1087	19I0017595	Platelet Concentrate	05-04-2019	11-04-2019	AB+	Expired
1088	19I0017598	Platelet Concentrate	05-04-2019	11-04-2019	AB+	Expired
1089	19I0017602	Platelet Concentrate	05-04-2019	11-04-2019	O+	Expired
1090	19I0017603	Platelet Concentrate	05-04-2019	11-04-2019	AB+	Expired
1091	19I0017641	Whole Blood	05-04-2019	10-05-2019	O+	VDRL
1092	19I0017662	FFP	05-04-2019	04-04-2020	A+	Broken
1093	19I0017665	Whole Blood	05-04-2019	10-05-2019	B+	HCV
1094	19I0017670	Platelet Concentrate	06-04-2019	12-04-2019	B+	Expired
1095	19I0017674	Platelet Concentrate	06-04-2019	12-04-2019	B-	Expired
1096	19I0017681	Platelet Concentrate	06-04-2019	12-04-2019	B+	Expired
1097	19I0017688	Platelet Concentrate	06-04-2019	12-04-2019	A+	Expired
1098	19I0017690	Whole Blood	06-04-2019	11-05-2019	AB+	HCV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1099	19I0017692	Whole Blood	06-04-2019	11-05-2019	B+	VDRL
1100	19I0017718	Whole Blood	06-04-2019	11-05-2019	AB+	HCV
1101	19I0017731	Platelet Concentrate	07-04-2019	13-04-2019	B-	Expired
1102	19I0017734	Platelet Concentrate	07-04-2019	13-04-2019	B-	Expired
1103	19I0017735	Platelet Concentrate	07-04-2019	13-04-2019	O+	Expired
1104	19I0017736	Platelet Concentrate	07-04-2019	13-04-2019	B+	Expired
1105	19I0017738	Platelet Concentrate	07-04-2019	13-04-2019	O+	Expired
1106	19I0017746	Platelet Concentrate	07-04-2019	13-04-2019	O+	Expired
1107	19I0017749	Platelet Concentrate	07-04-2019	13-04-2019	AB+	Expired
1108	19I0017757	Whole Blood	07-04-2019	12-05-2019	B+	VDRL
1109	19I0017810	Whole Blood	07-04-2019	12-05-2019	B+	HIV
1110	19I0017820	Platelet Concentrate	08-04-2019	14-04-2019	B+	Expired
1111	19I0017823	Platelet Concentrate	08-04-2019	14-04-2019	O+	Expired
1112	19I0017836	Platelet Concentrate	08-04-2019	14-04-2019	B+	Expired
1113	19I0017849	FFP	08-04-2019	07-04-2020	O+	Lipemic
1114	19I0017870	Platelet Concentrate	09-04-2019	15-04-2019	B+	Expired
1115	19I0017875	Platelet Concentrate	09-04-2019	15-04-2019	AB+	Expired
1116	19I0017883	Platelet Concentrate	09-04-2019	15-04-2019	O+	Expired
1117	19I0017885	Platelet Concentrate	09-04-2019	15-04-2019	B+	Expired
1118	19I0017886	Platelet Concentrate	09-04-2019	15-04-2019	AB-	Expired
1119	19I0017887	Platelet Concentrate	09-04-2019	15-04-2019	AB-	Expired
1120	19I0017890	Platelet Concentrate	09-04-2019	15-04-2019	O-	Expired
1121	19I0017891	Platelet Concentrate	09-04-2019	15-04-2019	AB+	Expired
1122	19I0017892	Platelet Concentrate	09-04-2019	15-04-2019	O+	Expired
1123	19I0017903	Whole Blood	09-04-2019	14-05-2019	O+	HCV
1124	19I0017920	Platelet Concentrate	10-04-2019	16-04-2019	AB+	Expired
1125	19I0017921	Platelet Concentrate	10-04-2019	16-04-2019	B+	Expired
1126	19I0017923	Platelet Concentrate	10-04-2019	16-04-2019	O+	Expired
1127	19I0017925	Whole Blood	10-04-2019	15-05-2019	A+	HCV
1128	19I0017928	Platelet Concentrate	10-04-2019	16-04-2019	B+	Expired
1129	19I0017931	Whole Blood	10-04-2019	22-05-2019	AB+	Expired
1130	19I0017931	Platelet Concentrate	10-04-2019	16-04-2019	AB+	Expired
1131	19I0017934	Platelet Concentrate	10-04-2019	16-04-2019	AB+	Expired
1132	19I0017936	Platelet Concentrate	10-04-2019	16-04-2019	B+	Expired
1133	19I0017951	Whole Blood	10-04-2019	15-05-2019	AB+	HCV
1134	19I0017957	Platelet Concentrate	10-04-2019	16-04-2019	AB+	Expired
1135	19I0017960	Whole Blood	10-04-2019	15-05-2019	B+	VDRL
1136	19I0017973	Whole Blood	10-04-2019	15-05-2019	B+	HBV
1137	19I0018000	Platelet Concentrate	11-04-2019	17-04-2019	A+	Expired
1138	19I0018003	Platelet Concentrate	11-04-2019	17-04-2019	O+	Expired
1139	19I0018005	Platelet Concentrate	11-04-2019	17-04-2019	AB+	Expired
1140	19I0018006	Platelet Concentrate	11-04-2019	17-04-2019	A+	Expired
1141	19I0018008	Whole Blood	11-04-2019	16-05-2019	O+	HCV
1142	19I0018009	Platelet Concentrate	11-04-2019	17-04-2019	O+	Expired
1143	19I0018010	Platelet Concentrate	11-04-2019	17-04-2019	O+	Expired
1144	19I0018015	Platelet Concentrate	11-04-2019	17-04-2019	O+	Expired
1145	19I0018017	Platelet Concentrate	11-04-2019	17-04-2019	O+	Expired
1146	19I0018019	Platelet Concentrate	11-04-2019	17-04-2019	B+	Expired
1147	19I0018020	Platelet Concentrate	11-04-2019	17-04-2019	B+	Expired
1148	19I0018023	Platelet Concentrate	11-04-2019	17-04-2019	O+	Expired
1149	19I0018034	Whole Blood	11-04-2019	16-05-2019	B+	HCV
1150	19I0018041	Platelet Concentrate	12-04-2019	18-04-2019	O+	Expired
1151	19I0018042	Platelet Concentrate	12-04-2019	18-04-2019	O+	Expired
1152	19I0018043	Platelet Concentrate	12-04-2019	18-04-2019	O+	Expired
1153	19I0018044	Platelet Concentrate	12-04-2019	18-04-2019	B+	Expired
1154	19I0018045	Platelet Concentrate	12-04-2019	18-04-2019	A+	Expired
1155	19I0018050	Platelet Concentrate	12-04-2019	18-04-2019	B+	Expired
1156	19I0018051	Platelet Concentrate	12-04-2019	18-04-2019	B+	Expired
1157	19I0018054	Whole Blood	12-04-2019	17-05-2019	O+	VDRL
1158	19I0018055	Platelet Concentrate	12-04-2019	18-04-2019	B+	Expired
1159	19I0018060	Platelet Concentrate	12-04-2019	18-04-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1160	19I0018076	Whole Blood	12-04-2019	17-05-2019	B+	HCV
1161	19I0018087	FFP	13-04-2019	12-04-2020	B+	Lipemic
1162	19I0018087	Platelet Concentrate	13-04-2019	19-04-2019	B+	Expired
1163	19I0018088	Platelet Concentrate	13-04-2019	19-04-2019	B+	Expired
1164	19I0018089	Platelet Concentrate	13-04-2019	19-04-2019	O+	Expired
1165	19I0018091	Platelet Concentrate	13-04-2019	19-04-2019	B+	Expired
1166	19I0018092	Whole Blood	13-04-2019	18-05-2019	AB+	VDRL
1167	19I0018093	Platelet Concentrate	13-04-2019	19-04-2019	B+	Expired
1168	19I0018094	Platelet Concentrate	13-04-2019	19-04-2019	B+	Expired
1169	19I0018099	Platelet Concentrate	13-04-2019	19-04-2019	AB+	Expired
1170	19I0018103	Platelet Concentrate	13-04-2019	19-04-2019	AB+	Expired
1171	19I0018104	Platelet Concentrate	13-04-2019	19-04-2019	AB+	Expired
1172	19I0018105	Platelet Concentrate	13-04-2019	19-04-2019	AB+	Expired
1173	19I0018106	Platelet Concentrate	13-04-2019	19-04-2019	B+	Expired
1174	19I0018112	Whole Blood	13-04-2019	18-05-2019	B-	HCV
1175	19I0018116	FFP	13-04-2019	12-04-2020	B+	Broken
1176	19I0018147	Whole Blood	14-04-2019	19-05-2019	O+	HCV
1177	19I0018150	Platelet Concentrate	14-04-2019	20-04-2019	B+	Expired
1178	19I0018157	Platelet Concentrate	14-04-2019	20-04-2019	B+	Expired
1179	19I0018180	Whole Blood	14-04-2019	19-05-2019	A+	HBV
1180	19I0018248	Whole Blood	14-04-2019	26-05-2019	A+	QNS
1181	19I0018252	Whole Blood	14-04-2019	19-05-2019	B+	VDRL
1182	19I0018265	Platelet Concentrate	14-04-2019	20-04-2019	A+	Expired
1183	19I0018266	Whole Blood	14-04-2019	26-05-2019	O+	Expired
1184	19I0018266	Platelet Concentrate	14-04-2019	20-04-2019	O+	Expired
1185	19I0018267	Platelet Concentrate	14-04-2019	20-04-2019	A+	Expired
1186	19I0018268	Platelet Concentrate	14-04-2019	20-04-2019	AB+	Expired
1187	19I0018273	Whole Blood	14-04-2019	19-05-2019	AB+	HCV
1188	19I0018296	Platelet Concentrate	15-04-2019	21-04-2019	A+	Expired
1189	19I0018301	Platelet Concentrate	15-04-2019	21-04-2019	AB+	Expired
1190	19I0018317	Whole Blood	15-04-2019	20-05-2019	B+	HCV
1191	19I0018319	Platelet Concentrate	15-04-2019	21-04-2019	O+	Expired
1192	19I0018370	Whole Blood	15-04-2019	27-05-2019	B+	QNS
1193	19I0018370	Whole Blood	15-04-2019	27-05-2019	B+	Expired
1194	19I0018378	Whole Blood	15-04-2019	27-05-2019	A+	Clot
1195	19I0018387	Whole Blood	15-04-2019	27-05-2019	A+	Lipemic
1196	19I0018400	Whole Blood	16-04-2019	21-05-2019	O+	HCV
1197	19I0018403	Platelet Concentrate	16-04-2019	22-04-2019	AB+	Expired
1198	19I0018404	Platelet Concentrate	16-04-2019	22-04-2019	O+	Expired
1199	19I0018407	Platelet Concentrate	16-04-2019	22-04-2019	O+	Expired
1200	19I0018408	Platelet Concentrate	16-04-2019	22-04-2019	A+	Expired
1201	19I0018409	Platelet Concentrate	16-04-2019	22-04-2019	A-	Expired
1202	19I0018412	Platelet Concentrate	16-04-2019	22-04-2019	B+	Expired
1203	19I0018415	Platelet Concentrate	16-04-2019	22-04-2019	B+	Expired
1204	19I0018416	Platelet Concentrate	16-04-2019	22-04-2019	AB+	Expired
1205	19I0018417	Platelet Concentrate	16-04-2019	22-04-2019	A+	Expired
1206	19I0018418	Platelet Concentrate	16-04-2019	22-04-2019	O+	Expired
1207	19I0018419	Platelet Concentrate	16-04-2019	22-04-2019	B+	Expired
1208	19I0018435	FFP	17-04-2019	16-04-2020	B+	Broken
1209	19I0018436	Platelet Concentrate	17-04-2019	23-04-2019	O+	Expired
1210	19I0018438	Platelet Concentrate	17-04-2019	23-04-2019	O+	Expired
1211	19I0018439	Platelet Concentrate	17-04-2019	23-04-2019	A+	Expired
1212	19I0018440	Platelet Concentrate	17-04-2019	23-04-2019	B+	Expired
1213	19I0018443	Platelet Concentrate	17-04-2019	23-04-2019	B+	Expired
1214	19I0018458	Platelet Concentrate	17-04-2019	23-04-2019	B+	Expired
1215	19i0018465	Whole Blood	17-04-2019	22-05-2019	B+	VDRL
1216	19i0018468	Whole Blood	17-04-2019	22-05-2019	B+	HBV,HIV
1217	19i0018479	Whole Blood	17-04-2019	22-05-2019	O+	HBV
1218	19i0018530	Whole Blood	17-04-2019	22-05-2019	B+	HCV
1219	19I0018577	Whole Blood	17-04-2019	22-05-2019	O+	Expired
1220	19I0018621	Platelet Concentrate	18-04-2019	24-04-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1221	19I0018622	Platelet Concentrate	18-04-2019	24-04-2019	O+	Expired
1222	19I0018624	Platelet Concentrate	18-04-2019	24-04-2019	O+	Expired
1223	19I0018627	Platelet Concentrate	18-04-2019	24-04-2019	O+	Expired
1224	19I0018629	Platelet Concentrate	18-04-2019	24-04-2019	B+	Expired
1225	19i0018630	Whole Blood	18-04-2019	23-05-2019	O+	HCV
1226	19I0018631	Platelet Concentrate	18-04-2019	24-04-2019	A+	Expired
1227	19I0018636	Platelet Concentrate	18-04-2019	24-04-2019	AB+	Expired
1228	19I0018637	Platelet Concentrate	18-04-2019	24-04-2019	AB+	Expired
1229	19I0018638	Platelet Concentrate	18-04-2019	24-04-2019	AB+	Expired
1230	19I0018639	Platelet Concentrate	18-04-2019	24-04-2019	A+	Expired
1231	19I0018640	Platelet Concentrate	18-04-2019	24-04-2019	B+	Expired
1232	19I0018641	Platelet Concentrate	18-04-2019	24-04-2019	O+	Expired
1233	19I0018642	Platelet Concentrate	18-04-2019	24-04-2019	B+	Expired
1234	19I0018652	Platelet Concentrate	19-04-2019	25-04-2019	B+	Expired
1235	19I0018653	Platelet Concentrate	19-04-2019	25-04-2019	O+	Expired
1236	19I0018658	Platelet Concentrate	19-04-2019	25-04-2019	B+	Expired
1237	19I0018659	Platelet Concentrate	19-04-2019	25-04-2019	O+	Expired
1238	19I0018667	Platelet Concentrate	19-04-2019	25-04-2019	O+	Expired
1239	19I0018668	Platelet Concentrate	19-04-2019	25-04-2019	B-	Expired
1240	19I0018670	Platelet Concentrate	19-04-2019	25-04-2019	B+	Expired
1241	19I0018692	Platelet Concentrate	20-04-2019	26-04-2019	B+	Expired
1242	19I0018694	Platelet Concentrate	20-04-2019	26-04-2019	AB+	Expired
1243	19I0018698	Platelet Concentrate	20-04-2019	26-04-2019	AB+	Expired
1244	19I0018701	Platelet Concentrate	20-04-2019	26-04-2019	AB+	RBC Contamination
1245	19I0018703	Platelet Concentrate	20-04-2019	26-04-2019	A+	RBC Contamination
1246	19I0018707	Platelet Concentrate	20-04-2019	26-04-2019	O+	Expired
1247	19i0018708	Whole Blood	20-04-2019	25-05-2019	A+	HBV
1248	19I0018709	Platelet Concentrate	20-04-2019	26-04-2019	B+	Expired
1249	19I0018710	Platelet Concentrate	20-04-2019	26-04-2019	A+	Expired
1250	19I0018718	Whole Blood	20-04-2019	25-05-2019	A-	HCV
1251	19I0018739	Whole Blood	20-04-2019	01-06-2019	B+	QNS
1252	19I0018809	Whole Blood	20-04-2019	01-06-2019	B+	QNS
1253	19I0018831	Whole Blood	20-04-2019	01-06-2019	B+	Clot
1254	19I0018860	Whole Blood	20-04-2019	25-05-2019	O+	VDRL
1255	19I0018872	Platelet Concentrate	21-04-2019	27-04-2019	B+	Expired
1256	19I0018876	Platelet Concentrate	21-04-2019	27-04-2019	B+	Expired
1257	19I0018885	Platelet Concentrate	21-04-2019	27-04-2019	B+	Expired
1258	19i0018886	Whole Blood	21-04-2019	26-05-2019	B+	VDRL
1259	19I0018888	Platelet Concentrate	21-04-2019	27-04-2019	O+	Expired
1260	19I0018889	Platelet Concentrate	21-04-2019	27-04-2019	O+	Expired
1261	19I0018890	Platelet Concentrate	21-04-2019	27-04-2019	B+	Expired
1262	19I0018891	Platelet Concentrate	21-04-2019	27-04-2019	B+	Expired
1263	19I0018894	Platelet Concentrate	21-04-2019	27-04-2019	AB+	Expired
1264	19I0018896	Platelet Concentrate	21-04-2019	27-04-2019	B+	Expired
1265	19I0019005	Platelet Concentrate	22-04-2019	28-04-2019	O+	Expired
1266	19I0019007	Platelet Concentrate	22-04-2019	28-04-2019	B+	Expired
1267	19I0019009	Platelet Concentrate	22-04-2019	28-04-2019	A+	Expired
1268	19I0019010	Platelet Concentrate	22-04-2019	28-04-2019	B+	Expired
1269	19I0019011	Platelet Concentrate	22-04-2019	28-04-2019	AB+	Expired
1270	19I0019012	Platelet Concentrate	22-04-2019	28-04-2019	B+	Expired
1271	19I0019013	Platelet Concentrate	22-04-2019	28-04-2019	O-	Expired
1272	19I0019018	Platelet Concentrate	22-04-2019	28-04-2019	A+	Expired
1273	19I0019021	Platelet Concentrate	22-04-2019	28-04-2019	A+	Expired
1274	19I0019022	Whole Blood	22-04-2019	27-05-2019	AB+	HCV
1275	19I0019023	Platelet Concentrate	22-04-2019	28-04-2019	B+	Expired
1276	19i0019033	Whole Blood	22-04-2019	27-05-2019	A+	VDRL
1277	19I0019040	Platelet Concentrate	23-04-2019	29-04-2019	AB+	Expired
1278	19I0019041	Platelet Concentrate	23-04-2019	29-04-2019	AB+	Expired
1279	19I0019044	Platelet Concentrate	23-04-2019	29-04-2019	O+	Expired
1280	19I0019045	Platelet Concentrate	23-04-2019	29-04-2019	O+	Expired
1281	19I0019048	Platelet Concentrate	23-04-2019	29-04-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1282	19I0019049	Platelet Concentrate	23-04-2019	29-04-2019	AB+	Expired
1283	19I0019050	Platelet Concentrate	23-04-2019	29-04-2019	AB+	Expired
1284	19I0019056	Platelet Concentrate	23-04-2019	29-04-2019	B+	Expired
1285	19I0019058	Platelet Concentrate	23-04-2019	29-04-2019	B+	Expired
1286	19I0019061	Platelet Concentrate	23-04-2019	29-04-2019	AB+	Expired
1287	19I0019062	Platelet Concentrate	23-04-2019	29-04-2019	B+	Expired
1288	19I0019084	Whole Blood	23-04-2019	28-05-2019	B+	HCV
1289	19I0019093	Platelet Concentrate	24-04-2019	30-04-2019	O+	QNS
1290	19I0019095	Platelet Concentrate	24-04-2019	30-04-2019	O+	Expired
1291	19I0019100	Platelet Concentrate	24-04-2019	30-04-2019	O+	Expired
1292	19I0019102	Platelet Concentrate	24-04-2019	30-04-2019	AB+	Expired
1293	19I0019104	Platelet Concentrate	24-04-2019	30-04-2019	B+	Expired
1294	19I0019110	Platelet Concentrate	24-04-2019	30-04-2019	A+	Expired
1295	19I0019116	Platelet Concentrate	24-04-2019	30-04-2019	O+	Expired
1296	19I0019118	Platelet Concentrate	24-04-2019	30-04-2019	O-	Expired
1297	19i0019165	Whole Blood	24-04-2019	29-05-2019	O+	HCV
1298	19i0019170	Whole Blood	24-04-2019	29-05-2019	O+	VDRL
1299	19i0019176	Whole Blood	24-04-2019	29-05-2019	A+	HBV
1300	19I0019187	Whole Blood	24-04-2019	29-05-2019	O+	QNS
1301	19I0019212	Whole Blood	25-04-2019	30-05-2019	B+	VDRL
1302	19I0019254	Whole Blood	25-04-2019	30-05-2019	O+	VDRL
1303	19I0019262	FFP	25-04-2019	24-04-2020	O+	Broken
1304	19I0019262	Platelet Concentrate	25-04-2019	01-05-2019	O+	Expired
1305	19I0019295	Platelet Concentrate	25-04-2019	01-05-2019	AB+	Expired
1306	19I0019300	Whole Blood	25-04-2019	30-05-2019	B+	HCV
1307	19I0019319	Whole Blood	25-04-2019	30-05-2019	B+	HCV
1308	19I0019336	Whole Blood	26-04-2019	31-05-2019	O+	HCV
1309	19I0019337	Platelet Concentrate	26-04-2019	02-05-2019	B+	Expired
1310	19I0019341	Platelet Concentrate	26-04-2019	02-05-2019	O+	Expired
1311	19i0019342	Whole Blood	26-04-2019	31-05-2019	B+	HCV
1312	19i0019344	Whole Blood	26-04-2019	31-05-2019	O+	HCV
1313	19I0019348	Platelet Concentrate	26-04-2019	02-05-2019	B+	Expired
1314	19I0019360	Platelet Concentrate	27-04-2019	03-05-2019	O+	Expired
1315	19I0019361	Platelet Concentrate	27-04-2019	03-05-2019	O+	Expired
1316	19I0019371	Whole Blood	27-04-2019	01-06-2019	O+	VDRL
1317	19I0019372	Platelet Concentrate	27-04-2019	03-05-2019	A+	Expired
1318	19I0019422	Platelet Concentrate	28-04-2019	04-05-2019	A+	Expired
1319	19I0019423	Platelet Concentrate	28-04-2019	04-05-2019	B+	Expired
1320	19I0019425	Platelet Concentrate	28-04-2019	04-05-2019	B+	Expired
1321	19I0019426	Platelet Concentrate	28-04-2019	04-05-2019	B+	Expired
1322	19I0019427	Platelet Concentrate	28-04-2019	04-05-2019	B+	Expired
1323	19I0019428	Platelet Concentrate	28-04-2019	04-05-2019	A+	Expired
1324	19I0019431	Platelet Concentrate	28-04-2019	04-05-2019	O+	Expired
1325	19I0019432	Platelet Concentrate	28-04-2019	04-05-2019	AB+	Expired
1326	19I0019433	Platelet Concentrate	28-04-2019	04-05-2019	AB+	Expired
1327	19I0019434	Platelet Concentrate	28-04-2019	04-05-2019	AB+	Expired
1328	19I0019436	Platelet Concentrate	28-04-2019	04-05-2019	A+	Expired
1329	19I0019437	Platelet Concentrate	28-04-2019	04-05-2019	O+	Expired
1330	19I0019438	Whole Blood	28-04-2019	02-06-2019	A+	HCV
1331	19I0019447	Whole Blood	28-04-2019	02-06-2019	B+	HBV
1332	19I0019487	Whole Blood	28-04-2019	02-06-2019	A+	HBV
1333	19I0019511	Platelet Concentrate	28-04-2019	04-05-2019	A+	Expired
1334	19I0019512	Platelet Concentrate	28-04-2019	04-05-2019	B+	Expired
1335	19I0019513	Platelet Concentrate	28-04-2019	04-05-2019	O+	Expired
1336	19I0019515	Platelet Concentrate	28-04-2019	04-05-2019	B+	Expired
1337	19I0019517	Platelet Concentrate	28-04-2019	04-05-2019	AB+	Expired
1338	19I0019518	Whole Blood	28-04-2019	02-06-2019	A+	HCV
1339	19I0019534	Whole Blood	28-04-2019	02-06-2019	AB+	VDRL
1340	19I0019558	Platelet Concentrate	29-04-2019	05-05-2019	A+	Expired
1341	19I0019560	Platelet Concentrate	29-04-2019	05-05-2019	B+	Expired
1342	19I0019564	Platelet Concentrate	29-04-2019	05-05-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1343	19I0019568	Platelet Concentrate	29-04-2019	05-05-2019	A+	Expired
1344	19I0019574	Platelet Concentrate	29-04-2019	05-05-2019	A+	Expired
1345	19I0019578	Platelet Concentrate	29-04-2019	05-05-2019	AB+	Expired
1346	19I0019580	Platelet Concentrate	29-04-2019	05-05-2019	A+	Expired
1347	19I0019609	Platelet Concentrate	30-04-2019	06-05-2019	A+	Expired
1348	19I0019615	Platelet Concentrate	30-04-2019	06-05-2019	A-	Expired
1349	19I0019649	Platelet Concentrate	01-05-2019	07-05-2019	O+	Expired
1350	19I0019650	Platelet Concentrate	01-05-2019	07-05-2019	AB+	Expired
1351	19I0019663	Platelet Concentrate	01-05-2019	07-05-2019	AB-	Expired
1352	19I0019666	Platelet Concentrate	01-05-2019	07-05-2019	O+	Expired
1353	19I0019670	Platelet Concentrate	01-05-2019	07-05-2019	B-	Expired
1354	19I0019672	Platelet Concentrate	01-05-2019	07-05-2019	O+	Expired
1355	19I0019677	FFP	01-05-2019	30-04-2020	A+	Broken
1356	19I0019684	FFP	01-05-2019	30-04-2020	O+	QNS
1357	19I0019691	FFP	01-05-2019	30-04-2020	O+	Broken
1358	19I0019696	Platelet Concentrate	02-05-2019	08-05-2019	B-	Expired
1359	19I0019701	Platelet Concentrate	02-05-2019	08-05-2019	B-	Expired
1360	19I0019703	Platelet Concentrate	02-05-2019	08-05-2019	A+	Expired
1361	19I0019705	Platelet Concentrate	02-05-2019	08-05-2019	O+	Expired
1362	19I0019707	Platelet Concentrate	02-05-2019	08-05-2019	B+	Expired
1363	19I0019709	Whole Blood	02-05-2019	06-06-2019	B+	HCV
1364	19I0019710	Whole Blood	02-05-2019	06-06-2019	AB+	VDRL
1365	19I0019711	Leucofilter PRBC	02-05-2019	13-06-2019	A+	QNS
1366	19I0019716	Platelet Concentrate	02-05-2019	08-05-2019	B+	Expired
1367	19I0019724	Whole Blood	02-05-2019	06-06-2019	B+	VDRL
1368	19I0019729	Platelet Concentrate	03-05-2019	09-05-2019	A+	Expired
1369	19I0019736	Whole Blood	03-05-2019	07-06-2019	A+	HBV
1370	19I0019737	Platelet Concentrate	03-05-2019	09-05-2019	A+	Expired
1371	19I0019738	Platelet Concentrate	03-05-2019	09-05-2019	A+	Expired
1372	19I0019745	Platelet Concentrate	03-05-2019	09-05-2019	B+	Expired
1373	19I0019747	Platelet Concentrate	03-05-2019	09-05-2019	B+	Expired
1374	19I0019748	Platelet Concentrate	03-05-2019	09-05-2019	B+	Expired
1375	19I0019749	Whole Blood	03-05-2019	07-06-2019	A+	VDRL
1376	19I0019752	Platelet Concentrate	03-05-2019	09-05-2019	A+	Expired
1377	19I0019773	Platelet Concentrate	04-05-2019	10-05-2019	B+	Expired
1378	19I0019780	Platelet Concentrate	04-05-2019	10-05-2019	B+	Expired
1379	19I0019783	Platelet Concentrate	04-05-2019	10-05-2019	B+	Expired
1380	19I0019785	Whole Blood	04-05-2019	08-06-2019	B+	HBV
1381	19I0019795	PRBC	04-05-2019	15-06-2019	B+	QNS
1382	19i0019796	Whole Blood	04-05-2019	08-06-2019	B+	HBV
1383	19I0019797	PRBC	04-05-2019	15-06-2019	A+	QNS
1384	19I0019799	PRBC	04-05-2019	15-06-2019	B+	Expired
1385	19I0019800	PRBC	04-05-2019	15-06-2019	A+	Lipemic
1386	19I0019808	PRBC	04-05-2019	15-06-2019	B+	Broken
1387	19i0019813	Whole Blood	04-05-2019	08-06-2019	B+	HCV
1388	19i0019816	Whole Blood	04-05-2019	08-06-2019	B+	HCV
1389	19i0019820	Whole Blood	04-05-2019	08-06-2019	A+	HBV
1390	19I0019825	FFP	04-05-2019	03-05-2020	B+	Broken
1391	19I0019844	FFP	04-05-2019	03-05-2020	O+	QNS
1392	19i0019846	Whole Blood	04-05-2019	08-06-2019	B+	HCV
1393	19i0019848	Whole Blood	04-05-2019	08-06-2019	B+	HBV
1394	19I0019861	Whole Blood	05-05-2019	09-06-2019	A+	NAT-HCV
1395	19I0019862	Platelet Concentrate	05-05-2019	11-05-2019	B+	Expired
1396	19I0019862	FFP	05-05-2019	04-05-2020	B+	Broken
1397	19I0019864	Platelet Concentrate	05-05-2019	11-05-2019	B-	Expired
1398	19I0019867	Platelet Concentrate	05-05-2019	11-05-2019	A-	Expired
1399	19I0019868	Platelet Concentrate	05-05-2019	11-05-2019	B+	Expired
1400	19I0019887	Platelet Concentrate	05-05-2019	11-05-2019	A+	Expired
1401	19i0019888	Whole Blood	05-05-2019	09-06-2019	B+	VDRL
1402	19i0019889	Whole Blood	05-05-2019	09-06-2019	AB+	VDRL
1403	19i0019899	Whole Blood	05-05-2019	09-06-2019	A-	HBV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1404	19I0019902	FFP	06-05-2019	05-05-2020	O+	Broken
1405	19i0019904	Whole Blood	06-05-2019	10-06-2019	AB+	HCV
1406	19I0019907	Platelet Concentrate	06-05-2019	12-05-2019	O+	Expired
1407	19I0019908	FFP	06-05-2019	05-05-2020	B+	Broken
1408	19I0019916	Platelet Concentrate	06-05-2019	12-05-2019	O+	Expired
1409	19I0019917	Platelet Concentrate	06-05-2019	12-05-2019	B+	Expired
1410	19I0019921	Platelet Concentrate	06-05-2019	12-05-2019	O+	Expired
1411	19I0019939	FFP	06-05-2019	05-05-2020	B+	Broken
1412	19I0019949	Platelet Concentrate	07-05-2019	13-05-2019	O+	Expired
1413	19I0019950	Platelet Concentrate	07-05-2019	13-05-2019	O-	Expired
1414	19I0019952	FFP	07-05-2019	06-05-2020	O+	Broken
1415	19I0019956	Platelet Concentrate	07-05-2019	13-05-2019	B+	Expired
1416	19I0019958	Platelet Concentrate	07-05-2019	13-05-2019	B+	Expired
1417	19I0019959	Platelet Concentrate	07-05-2019	13-05-2019	A+	Expired
1418	19I0019966	Platelet Concentrate	07-05-2019	13-05-2019	O+	Expired
1419	19I0019969	Platelet Concentrate	07-05-2019	13-05-2019	B+	Expired
1420	19I0019970	Platelet Concentrate	07-05-2019	13-05-2019	B+	Expired
1421	19I0019972	Whole Blood	07-05-2019	11-06-2019	O+	HCV
1422	19I0019981	FFP	07-05-2019	06-05-2020	O+	Broken
1423	19I0019984	FFP	07-05-2019	06-05-2020	O+	Lipemic
1424	19I0019986	Whole Blood	07-05-2019	11-06-2019	A+	HCV
1425	19I0019996	Whole Blood	07-05-2019	11-06-2019	B+	HCV
1426	19I0020009	Platelet Concentrate	08-05-2019	14-05-2019	AB+	Expired
1427	19I0020010	Platelet Concentrate	08-05-2019	14-05-2019	AB+	Expired
1428	19I0020011	Platelet Concentrate	08-05-2019	14-05-2019	B+	Expired
1429	19I0020013	Platelet Concentrate	08-05-2019	14-05-2019	O+	Expired
1430	19I0020015	Platelet Concentrate	08-05-2019	14-05-2019	B+	Expired
1431	19I0020016	Platelet Concentrate	08-05-2019	14-05-2019	B+	Expired
1432	19I0020017	Platelet Concentrate	08-05-2019	14-05-2019	O+	Expired
1433	19I0020019	Platelet Concentrate	08-05-2019	14-05-2019	AB+	Expired
1434	19I0020021	Platelet Concentrate	08-05-2019	14-05-2019	B+	Expired
1435	19I0020023	Platelet Concentrate	08-05-2019	14-05-2019	AB+	Expired
1436	19I0020024	Platelet Concentrate	08-05-2019	14-05-2019	AB+	Expired
1437	19I0020041	FFP	08-05-2019	07-05-2020	B-	Broken
1438	19I0020045	FFP	08-05-2019	07-05-2020	O+	Expired
1439	19i0020050	Whole Blood	08-05-2019	12-06-2019	O+	HCV
1440	19I0020053	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1441	19I0020056	Platelet Concentrate	09-05-2019	15-05-2019	AB+	Expired
1442	19I0020059	Platelet Concentrate	09-05-2019	15-05-2019	O-	Expired
1443	19I0020061	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1444	19I0020062	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1445	19I0020063	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1446	19I0020066	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1447	19I0020067	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1448	19I0020068	Whole Blood	09-05-2019	13-06-2019	B+	Hemolysed
1449	19I0020073	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1450	19I0020075	Leucofilter PRBC	09-05-2019	20-06-2019	O+	QNS
1451	19I0020076	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1452	19I0020079	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1453	19I0020081	Platelet Concentrate	09-05-2019	15-05-2019	AB+	Expired
1454	19I0020086	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1455	19I0020090	Platelet Concentrate	09-05-2019	15-05-2019	AB+	Expired
1456	19I0020092	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1457	19I0020094	Leucofilter PRBC	09-05-2019	20-06-2019	O-	Clot
1458	19I0020094	Platelet Concentrate	09-05-2019	15-05-2019	O-	Expired
1459	19I0020098	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1460	19I0020099	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1461	19I0020100	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1462	19I0020101	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1463	19I0020103	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1464	19I0020104	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1465	19I0020105	Platelet Concentrate	09-05-2019	15-05-2019	A+	Expired
1466	19I0020108	Leucofilter PRBC	09-05-2019	20-06-2019	A+	QNS
1467	19I0020108	Platelet Concentrate	09-05-2019	15-05-2019	A+	Expired
1468	19I0020109	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1469	19I0020111	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1470	19I0020112	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1471	19I0020113	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1472	19I0020114	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1473	19I0020115	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1474	19I0020116	Platelet Concentrate	09-05-2019	15-05-2019	AB+	Expired
1475	19I0020117	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1476	19I0020118	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1477	19I0020119	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1478	19I0020122	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1479	19I0020125	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1480	19I0020126	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1481	19I0020127	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1482	19I0020130	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1483	19I0020131	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1484	19I0020133	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1485	19I0020139	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1486	19I0020140	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1487	19I0020142	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1488	19I0020143	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1489	19I0020144	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1490	19I0020145	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1491	19I0020146	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1492	19I0020148	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1493	19I0020151	Platelet Concentrate	09-05-2019	15-05-2019	AB+	Expired
1494	19I0020153	Platelet Concentrate	09-05-2019	15-05-2019	O+	Expired
1495	19I0020154	Platelet Concentrate	09-05-2019	15-05-2019	B+	Expired
1496	19I0020195	PRBC	09-05-2019	20-06-2019	B+	QNS
1497	19i0020235	Whole Blood	09-05-2019	13-06-2019	B+	VDRL
1498	19I0020246	Platelet Concentrate	10-05-2019	16-05-2019	B+	Expired
1499	19I0020248	Platelet Concentrate	10-05-2019	16-05-2019	B+	Expired
1500	19I0020249	Platelet Concentrate	10-05-2019	16-05-2019	AB+	Expired
1501	19I0020250	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1502	19I0020251	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1503	19I0020252	Leucofilter PRBC	10-05-2019	21-06-2019	O+	QNS
1504	19I0020253	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1505	19I0020256	Platelet Concentrate	10-05-2019	16-05-2019	B+	Expired
1506	19I0020257	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1507	19I0020258	Platelet Concentrate	10-05-2019	16-05-2019	O-	Expired
1508	19I0020259	Leucofilter PRBC	10-05-2019	21-06-2019	B+	QNS
1509	19I0020259	FFP	10-05-2019	09-05-2020	B+	Broken
1510	19I0020259	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1511	19I0020260	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1512	19I0020261	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1513	19I0020262	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1514	19I0020263	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1515	19I0020266	Platelet Concentrate	10-05-2019	16-05-2019	O+	Expired
1516	19I0020270	PRBC	10-05-2019	21-06-2019	B+	Broken
1517	19I0020271	PRBC	10-05-2019	21-06-2019	O+	Hemolysed
1518	19I0020292	Platelet Concentrate	11-05-2019	17-05-2019	B+	Expired
1519	19i0020298	Whole Blood	11-05-2019	15-06-2019	B+	VDRL
1520	19I0020299	Platelet Concentrate	11-05-2019	17-05-2019	O+	Expired
1521	19I0020301	Platelet Concentrate	11-05-2019	17-05-2019	B+	Expired
1522	19I0020302	Platelet Concentrate	11-05-2019	17-05-2019	A-	Expired
1523	19I0020303	Platelet Concentrate	11-05-2019	17-05-2019	A+	Expired
1524	19I0020305	Leucofilter PRBC	11-05-2019	22-06-2019	B+	Hemolysed
1525	19I0020307	Platelet Concentrate	11-05-2019	17-05-2019	AB+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1526	19I0020308	Platelet Concentrate	11-05-2019	17-05-2019	B+	Expired
1527	19I0020311	Platelet Concentrate	11-05-2019	17-05-2019	AB+	Expired
1528	19I0020313	Platelet Concentrate	11-05-2019	17-05-2019	B+	Expired
1529	19I0020314	Platelet Concentrate	11-05-2019	17-05-2019	B+	Expired
1530	19I0020315	Platelet Concentrate	11-05-2019	17-05-2019	A+	Expired
1531	19i0020325	Whole Blood	11-05-2019	15-06-2019	O+	VDRL
1532	19I0020333	Platelet Concentrate	12-05-2019	18-05-2019	A+	Expired
1533	19I0020335	Platelet Concentrate	12-05-2019	18-05-2019	A+	Expired
1534	19I0020338	Platelet Concentrate	12-05-2019	18-05-2019	A+	Expired
1535	19I0020339	Platelet Concentrate	12-05-2019	18-05-2019	O-	Expired
1536	19I0020341	Platelet Concentrate	12-05-2019	18-05-2019	O+	Expired
1537	19I0020346	Platelet Concentrate	12-05-2019	18-05-2019	B+	Expired
1538	19I0020347	Platelet Concentrate	12-05-2019	18-05-2019	O+	Expired
1539	19I0020349	Platelet Concentrate	12-05-2019	18-05-2019	A+	Expired
1540	19i0020355	Whole Blood	12-05-2019	16-06-2019	AB+	VDRL
1541	19i0020405	Whole Blood	12-05-2019	16-06-2019	A+	HCV
1542	19I0020408	Platelet Concentrate	13-05-2019	19-05-2019	O+	Expired
1543	19I0020411	Platelet Concentrate	13-05-2019	19-05-2019	O+	Expired
1544	19I0020413	Platelet Concentrate	13-05-2019	19-05-2019	O+	Expired
1545	19I0020414	Platelet Concentrate	13-05-2019	19-05-2019	AB+	Expired
1546	19I0020417	Platelet Concentrate	13-05-2019	19-05-2019	O+	Expired
1547	19I0020418	Platelet Concentrate	13-05-2019	19-05-2019	AB+	Expired
1548	19i0020420	Whole Blood	13-05-2019	17-06-2019	A+	HCV
1549	19I0020428	Platelet Concentrate	13-05-2019	19-05-2019	O+	Expired
1550	19I0020447	Platelet Concentrate	14-05-2019	20-05-2019	B+	Expired
1551	19i0020450	Whole Blood	14-05-2019	18-06-2019	A+	HCV
1552	19i0020451	Whole Blood	14-05-2019	18-06-2019	A+	HCV
1553	19I0020453	Platelet Concentrate	14-05-2019	20-05-2019	A+	Expired
1554	19I0020455	Platelet Concentrate	14-05-2019	20-05-2019	A+	Expired
1555	19I0020458	Platelet Concentrate	14-05-2019	20-05-2019	O+	Expired
1556	19I0020459	Platelet Concentrate	14-05-2019	20-05-2019	A+	Expired
1557	19I0020462	Platelet Concentrate	14-05-2019	20-05-2019	A+	Expired
1558	19I0020464	Platelet Concentrate	14-05-2019	20-05-2019	AB+	Expired
1559	19I0020465	Platelet Concentrate	14-05-2019	20-05-2019	A+	Expired
1560	19I0020467	Platelet Concentrate	14-05-2019	20-05-2019	A+	Expired
1561	19I0020468	Platelet Concentrate	14-05-2019	20-05-2019	O+	Expired
1562	19I0020470	Platelet Concentrate	14-05-2019	20-05-2019	O+	Expired
1563	19i0020509	Whole Blood	15-05-2019	19-06-2019	A+	HIV
1564	19I0020517	Platelet Concentrate	15-05-2019	21-05-2019	A+	Expired
1565	19I0020518	Platelet Concentrate	15-05-2019	21-05-2019	O+	Expired
1566	19I0020525	Platelet Concentrate	15-05-2019	21-05-2019	O+	Expired
1567	19I0020531	PRBC	15-05-2019	26-06-2019	O+	QNS
1568	19I0020532	FFP	15-05-2019	14-05-2020	AB+	Broken
1569	19i0020549	Whole Blood	15-05-2019	19-06-2019	AB+	HCV
1570	19I0020551	PRBC	15-05-2019	26-06-2019	AB+	Clot
1571	19I0020558	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1572	19I0020561	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1573	19I0020562	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1574	19I0020563	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1575	19I0020565	Platelet Concentrate	16-05-2019	22-05-2019	A+	Expired
1576	19I0020567	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1577	19I0020569	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1578	19I0020571	Platelet Concentrate	16-05-2019	22-05-2019	AB+	Expired
1579	19I0020572	Platelet Concentrate	16-05-2019	22-05-2019	A+	Expired
1580	19I0020575	Platelet Concentrate	16-05-2019	22-05-2019	A+	Expired
1581	19I0020576	Platelet Concentrate	16-05-2019	22-05-2019	O+	Expired
1582	19i0020592	Whole Blood	16-05-2019	20-06-2019	O+	HBV
1583	19i0020595	Whole Blood	16-05-2019	20-06-2019	O+	HBV
1584	19I0020611	PRBC	16-05-2019	27-06-2019	A+	QNS
1585	19I0020622	FFP	16-05-2019	15-05-2020	A+	QNS
1586	19I0020626	Platelet Concentrate	17-05-2019	23-05-2019	A+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1587	19I0020629	Platelet Concentrate	17-05-2019	23-05-2019	AB+	Expired
1588	19I0020630	Platelet Concentrate	17-05-2019	23-05-2019	A+	Expired
1589	19I0020631	Platelet Concentrate	17-05-2019	23-05-2019	A+	Expired
1590	19I0020633	Platelet Concentrate	17-05-2019	23-05-2019	AB+	Expired
1591	19I0020634	Platelet Concentrate	17-05-2019	23-05-2019	AB+	Expired
1592	19I0020637	Platelet Concentrate	17-05-2019	23-05-2019	A+	Expired
1593	19I0020638	Platelet Concentrate	17-05-2019	23-05-2019	A+	Expired
1594	19I0020639	Platelet Concentrate	17-05-2019	23-05-2019	A+	Expired
1595	19I0020640	Platelet Concentrate	17-05-2019	23-05-2019	AB+	Expired
1596	19i0020641	Whole Blood	17-05-2019	21-06-2019	AB+	HIV
1597	19I0020643	Platelet Concentrate	17-05-2019	23-05-2019	AB+	Expired
1598	19I0020679	Platelet Concentrate	18-05-2019	24-05-2019	O+	Expired
1599	19I0020692	Platelet Concentrate	18-05-2019	24-05-2019	A+	Expired
1600	19I0020695	Platelet Concentrate	18-05-2019	24-05-2019	AB+	Expired
1601	19i0020703	Whole Blood	18-05-2019	22-06-2019	A-	HIV
1602	19I0020729	Platelet Concentrate	19-05-2019	25-05-2019	A+	Expired
1603	19I0020732	Platelet Concentrate	19-05-2019	25-05-2019	A+	Expired
1604	19I0020733	Leucofilter PRBC	19-05-2019	30-06-2019	A+	QNS
1605	19I0020736	Leucofilter PRBC	19-05-2019	30-06-2019	AB+	Hemolysed
1606	19I0020736	Platelet Concentrate	19-05-2019	25-05-2019	AB+	Expired
1607	19i0020737	Whole Blood	19-05-2019	23-06-2019	A+	HCV
1608	19I0020741	Platelet Concentrate	19-05-2019	25-05-2019	A+	Expired
1609	19I0020741	Leucofilter PRBC	19-05-2019	30-06-2019	A+	Clot
1610	19I0020746	Platelet Concentrate	19-05-2019	25-05-2019	AB+	Expired
1611	19i0020754	Whole Blood	19-05-2019	23-06-2019	AB-	VDRL
1612	19i0020764	Whole Blood	19-05-2019	23-06-2019	O+	VDRL
1613	19I0020778	Platelet Concentrate	20-05-2019	26-05-2019	O+	Expired
1614	19I0020784	Platelet Concentrate	20-05-2019	26-05-2019	A+	Expired
1615	19I0020785	Platelet Concentrate	20-05-2019	26-05-2019	A-	Expired
1616	19I0020794	Platelet Concentrate	20-05-2019	26-05-2019	A+	Expired
1617	19I0020826	Platelet Concentrate	21-05-2019	27-05-2019	AB+	Expired
1618	19I0020827	Platelet Concentrate	21-05-2019	27-05-2019	AB+	Expired
1619	19I0020831	Platelet Concentrate	21-05-2019	27-05-2019	O+	Expired
1620	19I0020873	Platelet Concentrate	22-05-2019	28-05-2019	A+	Expired
1621	19I0020876	Platelet Concentrate	22-05-2019	28-05-2019	A+	Expired
1622	19I0020881	Platelet Concentrate	22-05-2019	28-05-2019	A+	Expired
1623	19I0020882	Platelet Concentrate	22-05-2019	28-05-2019	AB+	Expired
1624	19I0020885	Platelet Concentrate	22-05-2019	28-05-2019	A+	Expired
1625	19I0020888	Platelet Concentrate	22-05-2019	28-05-2019	A+	Expired
1626	19I0020889	Platelet Concentrate	22-05-2019	28-05-2019	B+	Expired
1627	19I0020891	Platelet Concentrate	22-05-2019	28-05-2019	O+	Expired
1628	19I0020893	Platelet Concentrate	22-05-2019	28-05-2019	AB+	Expired
1629	19I0020938	Platelet Concentrate	23-05-2019	29-05-2019	O+	Expired
1630	19I0020941	Platelet Concentrate	23-05-2019	29-05-2019	A-	Expired
1631	19I0020945	Platelet Concentrate	23-05-2019	29-05-2019	B+	Expired
1632	19I0020955	Platelet Concentrate	23-05-2019	29-05-2019	AB+	Expired
1633	19I0020963	Platelet Concentrate	23-05-2019	29-05-2019	AB+	Expired
1634	19I0020978	Platelet Concentrate	24-05-2019	30-05-2019	AB+	Expired
1635	19I0020980	Platelet Concentrate	24-05-2019	30-05-2019	O-	Expired
1636	19I0020985	Platelet Concentrate	24-05-2019	30-05-2019	AB-	Expired
1637	19I0020989	Platelet Concentrate	24-05-2019	30-05-2019	AB+	Expired
1638	19I0020991	Platelet Concentrate	24-05-2019	30-05-2019	A+	Expired
1639	19I0020993	Platelet Concentrate	24-05-2019	30-05-2019	A+	Expired
1640	19I0020995	Platelet Concentrate	24-05-2019	30-05-2019	A+	Expired
1641	19I0020996	Platelet Concentrate	24-05-2019	30-05-2019	A+	Expired
1642	19I0020999	Platelet Concentrate	24-05-2019	30-05-2019	A+	Expired
1643	19i0021023	Whole Blood	24-05-2019	28-06-2019	A+	HBV
1644	19I0021050	Platelet Concentrate	25-05-2019	31-05-2019	O+	Expired
1645	19I0021054	Platelet Concentrate	25-05-2019	31-05-2019	B+	Expired
1646	19I0021055	Platelet Concentrate	25-05-2019	31-05-2019	B+	Expired
1647	19I0021058	Platelet Concentrate	25-05-2019	31-05-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1648	19I0021062	Leucofilter PRBC	25-05-2019	06-07-2019	B-	Clot
1649	19I0021062	Platelet Concentrate	25-05-2019	31-05-2019	B-	Expired
1650	19i0021067	Whole Blood	25-05-2019	29-06-2019	O-	HCV
1651	19I0021068	Platelet Concentrate	25-05-2019	31-05-2019	B+	Expired
1652	19I0021091	Platelet Concentrate	26-05-2019	01-06-2019	O+	Expired
1653	19i0021092	Whole Blood	26-05-2019	30-06-2019	B+	VDRL
1654	19I0021094	Platelet Concentrate	26-05-2019	01-06-2019	B+	Expired
1655	19i0021095	Whole Blood	26-05-2019	30-06-2019	B+	VDRL
1656	19I0021100	Platelet Concentrate	26-05-2019	01-06-2019	A+	Expired
1657	19I0021101	Platelet Concentrate	26-05-2019	01-06-2019	O+	Expired
1658	19I0021110	Platelet Concentrate	26-05-2019	01-06-2019	B+	Expired
1659	19i0021180	Whole Blood	26-05-2019	30-06-2019	B+	HCV
1660	19I0021218	Platelet Concentrate	27-05-2019	02-06-2019	AB-	Expired
1661	19I0021223	Platelet Concentrate	27-05-2019	02-06-2019	AB-	Expired
1662	19I0021226	Platelet Concentrate	27-05-2019	02-06-2019	B-	Expired
1663	19I0021232	Platelet Concentrate	27-05-2019	02-06-2019	B+	Expired
1664	19I0021236	Platelet Concentrate	27-05-2019	02-06-2019	B+	Expired
1665	19i0021243	Whole Blood	27-05-2019	01-07-2019	B+	HCV
1666	19i0021262	Whole Blood	27-05-2019	01-07-2019	B+	VDRL
1667	19I0021270	Platelet Concentrate	28-05-2019	03-06-2019	B+	Expired
1668	19I0021280	Platelet Concentrate	28-05-2019	03-06-2019	B+	Expired
1669	19I0021283	Platelet Concentrate	28-05-2019	03-06-2019	B+	Expired
1670	19I0021285	Platelet Concentrate	28-05-2019	03-06-2019	B+	Expired
1671	19I0021325	Leucofilter PRBC	29-05-2019	10-07-2019	O+	QNS
1672	19I0021325	Platelet Concentrate	29-05-2019	04-06-2019	B+	Expired
1673	19i0021327	Whole Blood	29-05-2019	03-07-2019	O-	HCV
1674	19i0021334	Whole Blood	29-05-2019	03-07-2019	O+	HCV
1675	19I0021339	Platelet Concentrate	29-05-2019	04-06-2019	O+	Expired
1676	19I0021342	Platelet Concentrate	29-05-2019	04-06-2019	B+	Expired
1677	19I0021343	Platelet Concentrate	29-05-2019	04-06-2019	B+	Expired
1678	19I0021369	Platelet Concentrate	30-05-2019	05-06-2019	O+	Expired
1679	19I0021377	Platelet Concentrate	30-05-2019	05-06-2019	B+	Expired
1680	19I0021380	Platelet Concentrate	30-05-2019	05-06-2019	O+	Expired
1681	19I0021382	Platelet Concentrate	30-05-2019	05-06-2019	B+	Expired
1682	19I0021384	Platelet Concentrate	30-05-2019	05-06-2019	B+	Expired
1683	19i0021385	Whole Blood	30-05-2019	04-07-2019	B+	VDRL
1684	19i0021407	Whole Blood	30-05-2019	04-07-2019	B+	VDRL
1685	19i0021413	Whole Blood	30-05-2019	04-07-2019	O+	VDRL
1686	19i0021413	Whole Blood	30-05-2019	04-07-2019	O+	HCV
1687	19i0021422	Whole Blood	31-05-2019	05-07-2019	A+	HBV
1688	19i0021422	Whole Blood	31-05-2019	05-07-2019	O+	HCV
1689	19I0021424	Platelet Concentrate	31-05-2019	06-06-2019	AB+	Expired
1690	19I0021428	Platelet Concentrate	31-05-2019	06-06-2019	O+	Expired
1691	19I0021433	Platelet Concentrate	31-05-2019	06-06-2019	O+	Expired
1692	19I0021439	Platelet Concentrate	31-05-2019	06-06-2019	A+	Expired
1693	19I0021441	Platelet Concentrate	31-05-2019	06-06-2019	O+	Expired
1694	19i0021446	Whole Blood	01-06-2019	06-07-2019	O+	HIV
1695	19I0021462	FFP	01-06-2019	31-05-2020	AB+	QNS
1696	19I0021483	Platelet Concentrate	01-06-2019	07-06-2019	O+	Expired
1697	19I0021485	Platelet Concentrate	01-06-2019	07-06-2019	AB+	Expired
1698	19I0021489	Platelet Concentrate	01-06-2019	07-06-2019	A+	Expired
1699	19I0021529	FFP	01-06-2019	31-05-2020	B+	Broken
1700	19i0021448	Whole Blood	01-06-2019	06-07-2019	O+	Broken
1701	19i0021539	Whole Blood	01-06-2019	06-07-2019	AB+	CLOT
1702	19I0021541	Platelet Concentrate	02-06-2019	08-06-2019	B+	Expired
1703	19I0021543	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1704	19I0021544	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1705	19I0021547	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1706	19I0021549	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1707	19I0021551	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1708	19I0021553	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1709	19I0021554	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1710	19I0021555	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1711	19I0021556	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1712	19I0021557	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1713	19I0021552	Leucofilter PRBC	02-06-2019	14-07-2019	B+	QNS
1714	19I0021558	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1715	19I0021568	FFP	02-06-2019	01-06-2020	O+	Broken
1716	19I0021568	Platelet Concentrate	02-06-2019	08-06-2019	O+	Expired
1717	19I0021591	Platelet Concentrate	03-06-2019	09-06-2019	O+	Expired
1718	19I0021593	Platelet Concentrate	03-06-2019	09-06-2019	O+	Expired
1719	19I0021594	Platelet Concentrate	03-06-2019	09-06-2019	O+	Expired
1720	19I0021595	Platelet Concentrate	03-06-2019	09-06-2019	O+	Expired
1721	19i0021539	Whole Blood	01-06-2019	06-07-2019	AB+	HBV
1722	19i0021623	Whole Blood	03-06-2019	08-07-2019	O+	HCV
1723	19I0021636	FFP	03-06-2019	02-06-2020	O+	Lipemic
1724	19I0021659	Platelet Concentrate	04-06-2019	10-06-2019	O+	Expired
1725	19I0021677	FFP	04-06-2019	03-06-2020	O+	Broken
1726	19i0021704	Whole Blood	04-06-2019	09-07-2019	A+	HCV
1727	19i0021721	Whole Blood	05-06-2019	10-07-2019	A+	HIV
1728	19I0021722	Platelet Concentrate	05-06-2019	11-06-2019	O+	Expired
1729	19I0021724	Platelet Concentrate	05-06-2019	11-06-2019	O+	Expired
1730	19I0021724	Leucofilter PRBC	05-06-2019	17-07-2019	O+	QNS
1731	19I0021727	Platelet Concentrate	05-06-2019	11-06-2019	B-	Expired
1732	19I0021730	Platelet Concentrate	05-06-2019	11-06-2019	O-	Expired
1733	19I0021731	Platelet Concentrate	05-06-2019	11-06-2019	O+	Expired
1734	19I0021781	Platelet Concentrate	06-06-2019	12-06-2019	A+	Expired
1735	19I0021782	Platelet Concentrate	06-06-2019	12-06-2019	O+	Expired
1736	19I0021785	Platelet Concentrate	06-06-2019	12-06-2019	A-	Expired
1737	19I0021786	Platelet Concentrate	06-06-2019	12-06-2019	AB+	Expired
1738	19I0021787	FFP	06-06-2019	05-06-2020	O+	Broken
1739	19I0021789	Platelet Concentrate	06-06-2019	12-06-2019	AB+	Expired
1740	19i0021795	Whole Blood	06-06-2019	11-07-2019	O+	HIV
1741	19i0021796	Whole Blood	06-06-2019	11-07-2019	B+	HCV
1742	19I0021799	Platelet Concentrate	06-06-2019	12-06-2019	A+	Expired
1743	19I0021861	Platelet Concentrate	07-06-2019	13-06-2019	A+	Expired
1744	19I0021862	Platelet Concentrate	07-06-2019	13-06-2019	A+	Expired
1745	19I0021864	Whole Blood	07-06-2019	12-07-2019	AB+	VDRL
1746	19I0021865	Platelet Concentrate	07-06-2019	13-06-2019	B+	Expired
1747	19I0021868	Platelet Concentrate	07-06-2019	13-06-2019	B+	Expired
1748	19I0021870	Platelet Concentrate	07-06-2019	13-06-2019	B+	Expired
1749	19I0021871	Platelet Concentrate	07-06-2019	13-06-2019	B+	Expired
1750	19I0021874	Platelet Concentrate	07-06-2019	13-06-2019	B+	Expired
1751	19i0021875	Whole Blood	07-06-2019	12-07-2019	B+	HCV
1752	19i0021886	Whole Blood	07-06-2019	12-07-2019	AB+	HBV
1753	19I0021894	PRBC	07-06-2019	12-07-2019	AB+	QNS
1754	19i0021904	Whole Blood	07-06-2019	12-07-2019	O-	HIV
1755	19i0021907	Whole Blood	07-06-2019	12-07-2019	A+	VDRL
1756	19i0021916	Whole Blood	07-06-2019	12-07-2019	A+	VDRL
1757	19I0021924	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1758	19I0021926	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1759	19I0021929	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1760	19I0021929	FFP	08-06-2019	07-06-2020	B+	Broken
1761	19I0021936	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1762	19I0021937	Platelet Concentrate	08-06-2019	14-06-2019	O+	Expired
1763	19I0021941	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1764	19I0021942	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1765	19I0021947	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1766	19I0021948	Platelet Concentrate	08-06-2019	14-06-2019	O+	Expired
1767	19I0021949	Platelet Concentrate	08-06-2019	14-06-2019	B+	Expired
1768	19I0021959	FFP	08-06-2019	07-06-2020	B+	Broken
1769	19i0021963	Whole Blood	08-06-2019	13-07-2019	A+	HCV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1770	19i0021967	Whole Blood	08-06-2019	13-07-2019	AB+	HBV
1771	19I0021990	FFP	09-06-2019	08-06-2020	O+	Broken
1772	19I0021995	Platelet Concentrate	09-06-2019	15-06-2019	B+	Expired
1773	19I0021996	Platelet Concentrate	09-06-2019	15-06-2019	O-	Expired
1774	19I0022000	Platelet Concentrate	09-06-2019	15-06-2019	AB+	Expired
1775	19I0022002	Platelet Concentrate	09-06-2019	15-06-2019	A+	Expired
1776	19I0022005	Platelet Concentrate	09-06-2019	15-06-2019	O+	Expired
1777	19I0022013	Platelet Concentrate	09-06-2019	15-06-2019	B+	Expired
1778	19I0022022	FFP	09-06-2019	08-06-2020	AB+	Broken
1779	19i0022038	Whole Blood	09-06-2019	14-07-2019	B+	VDRL
1780	19I0022064	Platelet Concentrate	10-06-2019	16-06-2019	A+	Expired
1781	19I0022070	Platelet Concentrate	10-06-2019	16-06-2019	AB+	Expired
1782	19I0022073	Platelet Concentrate	10-06-2019	16-06-2019	AB-	Expired
1783	19I0022083	PRBC	10-06-2019	15-07-2019	AB+	QNS
1784	19I0022102	Platelet Concentrate	11-06-2019	17-06-2019	B+	Expired
1785	19I0022104	Leucofilter PRBC	11-06-2019	23-07-2019	AB-	Broken
1786	19I0022104	Platelet Concentrate	11-06-2019	17-06-2019	AB-	Broken
1787	19i0022108	Whole Blood	11-06-2019	16-07-2019	B+	HBV
1788	19I0022110	Platelet Concentrate	11-06-2019	17-06-2019	B+	Broken
1789	19I0022113	Whole Blood	11-06-2019	16-07-2019	O+	HCV
1790	19I0022116	Platelet Concentrate	11-06-2019	17-06-2019	B+	Expired
1791	19I0022116	PRBC	11-06-2019	23-07-2019	B+	QNS
1792	19I0022120	Platelet Concentrate	11-06-2019	17-06-2019	A+	Expired
1793	19I0022121	Platelet Concentrate	11-06-2019	17-06-2019	B+	Expired
1794	19i0022136	Whole Blood	11-06-2019	16-07-2019	B-	HCV
1795	19i0022138	Whole Blood	11-06-2019	16-07-2019	B+	VDRL
1796	19I0022143	PRBC	11-06-2019	16-07-2019	B+	QNS
1797	19i0022145	Whole Blood	11-06-2019	16-07-2019	A+	VDRL
1798	19i0022146	Whole Blood	11-06-2019	16-07-2019	O+	VDRL
1799	19I0022167	Platelet Concentrate	12-06-2019	18-06-2019	O+	Expired
1800	19I0022173	Platelet Concentrate	12-06-2019	18-06-2019	O+	Expired
1801	19I0022175	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1802	19I0022179	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1803	19I0022181	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1804	19I0022182	Platelet Concentrate	12-06-2019	18-06-2019	AB+	Expired
1805	19I0022185	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1806	19I0022186	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1807	19I0022187	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1808	19I0022189	Platelet Concentrate	12-06-2019	18-06-2019	B+	Expired
1809	19i0022192	Whole Blood	12-06-2019	17-07-2019	B+	VDRL
1810	19i0022217	Whole Blood	12-06-2019	17-07-2019	B+	HCV
1811	19i0022235	Whole Blood	12-06-2019	17-07-2019	B+	HCV
1812	19I0022253	Platelet Concentrate	13-06-2019	19-06-2019	B+	Expired
1813	19i0022256	Whole Blood	13-06-2019	18-07-2019	A+	HCV
1814	19I0022259	Platelet Concentrate	13-06-2019	19-06-2019	A+	Expired
1815	19I0022262	Platelet Concentrate	13-06-2019	19-06-2019	B+	Expired
1816	19I0022263	Platelet Concentrate	13-06-2019	19-06-2019	B+	Expired
1817	19I0022267	Platelet Concentrate	13-06-2019	19-06-2019	A+	Expired
1818	19i0022275	Whole Blood	13-06-2019	18-07-2019	AB+	HCV
1819	19I0022322	Platelet Concentrate	14-06-2019	20-06-2019	B+	Expired
1820	19I0022325	Platelet Concentrate	14-06-2019	20-06-2019	O+	Expired
1821	19I0022331	Platelet Concentrate	14-06-2019	20-06-2019	B+	Expired
1822	19I0022337	Platelet Concentrate	14-06-2019	20-06-2019	B+	Expired
1823	19I0022340	Platelet Concentrate	14-06-2019	20-06-2019	B+	Expired
1824	19I0022352	Platelet Concentrate	14-06-2019	20-06-2019	O+	Expired
1825	19i0022353	Whole Blood	14-06-2019	19-07-2019	O+	VDRL
1826	19i0022356	Whole Blood	14-06-2019	19-07-2019	AB+	HIV
1827	19i0022360	Whole Blood	14-06-2019	19-07-2019	A+	VDRL
1828	19i0022367	Whole Blood	14-06-2019	19-07-2019	B+	HBV
1829	19i0022369	Whole Blood	14-06-2019	19-07-2019	B+	VDRL
1830	19I0022435	Platelet Concentrate	15-06-2019	21-06-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1831	19I0022438	Platelet Concentrate	15-06-2019	21-06-2019	A+	Expired
1832	19I0022450	PRBC	15-06-2019	20-07-2019	O-	Lipemic
1833	19i0022453	Whole Blood	15-06-2019	20-07-2019	A+	HCV
1834	19i0022482	Whole Blood	16-06-2019	21-07-2019	AB+	HBV
1835	19i0022483	Whole Blood	16-06-2019	21-07-2019	B+	HBV
1836	19I0022485	Platelet Concentrate	16-06-2019	22-06-2019	O+	Expired
1837	19i0022489	Whole Blood	16-06-2019	21-07-2019	A+	HCV
1838	19I0022493	Platelet Concentrate	16-06-2019	22-06-2019	AB+	Expired
1839	19I0022495	Platelet Concentrate	16-06-2019	22-06-2019	O+	Expired
1840	19I0022498	Platelet Concentrate	16-06-2019	22-06-2019	AB+	Expired
1841	19I0022502	Platelet Concentrate	16-06-2019	22-06-2019	A+	Expired
1842	19I0022540	PRBC	16-06-2019	28-07-2019	B+	Hemolysed
1843	19i0022544	Whole Blood	16-06-2019	21-07-2019	AB-	HCV
1844	19I0022549	PRBC	16-06-2019	21-07-2019	A+	Clot
1845	19I0022553	Platelet Concentrate	17-06-2019	23-06-2019	AB+	Expired
1846	19i0022556	Whole Blood	17-06-2019	22-07-2019	O-	HBV
1847	19I0022565	Platelet Concentrate	17-06-2019	23-06-2019	B+	Expired
1848	19I0022570	Platelet Concentrate	17-06-2019	23-06-2019	A+	Expired
1849	19I0022585	PRBC	17-06-2019	22-07-2019	AB+	QNS
1850	19I0022596	PRBC	17-06-2019	16-06-2020	AB+	Broken
1851	19I0022601	Platelet Concentrate	18-06-2019	24-06-2019	A+	Expired
1852	19I0022602	Platelet Concentrate	18-06-2019	24-06-2019	O+	Expired
1853	19I0022605	Platelet Concentrate	18-06-2019	24-06-2019	O-	Expired
1854	19I0022606	Platelet Concentrate	18-06-2019	24-06-2019	A+	Expired
1855	19I0022608	Platelet Concentrate	18-06-2019	24-06-2019	O+	Expired
1856	19I0022610	Platelet Concentrate	18-06-2019	24-06-2019	A+	Expired
1857	19I0022612	Platelet Concentrate	18-06-2019	24-06-2019	O+	Expired
1858	19I0022615	Platelet Concentrate	18-06-2019	24-06-2019	B+	Expired
1859	19I0022616	Platelet Concentrate	18-06-2019	24-06-2019	B-	Expired
1860	19i0022617	Whole Blood	18-06-2019	23-07-2019	AB+	HBV
1861	19i0022618	Whole Blood	18-06-2019	23-07-2019	B+	VDRL
1862	19I0022619	Platelet Concentrate	18-06-2019	24-06-2019	A+	Expired
1863	19i0022621	Whole Blood	18-06-2019	23-07-2019	A+	HBV
1864	19i0022632	Whole Blood	18-06-2019	23-07-2019	O+	HCV
1865	19i0022640	Whole Blood	18-06-2019	23-07-2019	O+	HBV
1866	19i0022650	Whole Blood	18-06-2019	23-07-2019	A+	HBV
1867	19I0022660	Platelet Concentrate	19-06-2019	25-06-2019	O+	Expired
1868	19I0022662	Platelet Concentrate	19-06-2019	25-06-2019	AB+	Expired
1869	19I0022663	Platelet Concentrate	19-06-2019	25-06-2019	O+	Expired
1870	19i0022665	Whole Blood	19-06-2019	24-07-2019	A-	HCV
1871	19I0022666	Platelet Concentrate	19-06-2019	25-06-2019	O+	Expired
1872	19I0022669	Platelet Concentrate	19-06-2019	25-06-2019	A+	Expired
1873	19I0022677	Platelet Concentrate	19-06-2019	25-06-2019	B+	Expired
1874	19I0022678	Platelet Concentrate	19-06-2019	25-06-2019	A+	Expired
1875	19I0022713	Platelet Concentrate	20-06-2019	26-06-2019	A+	Expired
1876	19i0022720	Whole Blood	20-06-2019	25-07-2019	A+	HCV
1877	19i0022820	Whole Blood	20-06-2019	25-07-2019	AB+	HBV
1878	19i0022845	Whole Blood	21-06-2019	26-07-2019	B-	HIV,VDRL
1879	19I0022846	Platelet Concentrate	21-06-2019	27-06-2019	A+	Expired
1880	19i0022879	Whole Blood	21-06-2019	26-07-2019	O+	HBV
1881	19I0022891	Cryoprecipitate	21-06-2019	20-06-2020	AB+	Broken
1882	19I0022909	Platelet Concentrate	22-06-2019	28-06-2019	AB+	Expired
1883	19I0022912	Platelet Concentrate	22-06-2019	28-06-2019	AB+	Expired
1884	19i0022928	Whole Blood	22-06-2019	27-07-2019	O+	HCV
1885	19I0022929	Platelet Concentrate	22-06-2019	28-06-2019	A+	Expired
1886	19I0022941	PRBC	22-06-2019	21-06-2020	AB+	QNS
1887	19I0022944	PRBC	22-06-2019	21-06-2020	A+	Broken
1888	19I0022945	PRBC	22-06-2019	21-06-2020	O+	CLOT
1889	19I0022953	PRBC	22-06-2019	27-07-2019	AB+	Clot
1890	19I0022954	PRBC	22-06-2019	21-06-2020	AB+	CLOT
1891	19I0022959	Platelet Concentrate	23-06-2019	29-06-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1892	19I0022961	Platelet Concentrate	23-06-2019	29-06-2019	O+	Expired
1893	19I0022968	Platelet Concentrate	23-06-2019	29-06-2019	O-	Expired
1894	19I0022980	Platelet Concentrate	23-06-2019	29-06-2019	O+	Expired
1895	19I0022984	PRBC	23-06-2019	04-08-2019	A+	QNS
1896	19i0022992	Whole Blood	23-06-2019	28-07-2019	A+	HCV
1897	19i0023011	Whole Blood	24-06-2019	29-07-2019	A+	VDRL
1898	19I0023019	Platelet Concentrate	24-06-2019	30-06-2019	A+	Expired
1899	19i0023036	Whole Blood	24-06-2019	29-07-2019	A+	HCV
1900	19i0023075	Whole Blood	25-06-2019	30-07-2019	A+	HCV
1901	19I0023101	PRBC	25-06-2019	24-06-2020	A+	Hemolysed
1902	19I0023104	PRBC	25-06-2019	24-06-2020	A-	CLOT
1903	19I0023107	PRBC	25-06-2019	24-06-2020	A+	CLOT
1904	19I0023114	PRBC	25-06-2019	24-06-2020	O+	QNS
1905	19I0023127	Platelet Concentrate	26-06-2019	02-07-2019	A+	Expired
1906	19I0023129	Platelet Concentrate	26-06-2019	02-07-2019	A+	Expired
1907	19I0023131	Platelet Concentrate	26-06-2019	02-07-2019	B+	Expired
1908	19I0023132	Platelet Concentrate	26-06-2019	02-07-2019	AB+	Expired
1909	19I0023134	Platelet Concentrate	26-06-2019	02-07-2019	A+	Expired
1910	19I0023136	Platelet Concentrate	26-06-2019	02-07-2019	B+	Expired
1911	19I0023137	Platelet Concentrate	26-06-2019	02-07-2019	AB+	Expired
1912	19I0023138	Platelet Concentrate	26-06-2019	02-07-2019	O+	Expired
1913	19I0023140	Platelet Concentrate	26-06-2019	02-07-2019	A+	Expired
1914	19I0023141	Platelet Concentrate	26-06-2019	02-07-2019	A-	Expired
1915	19I0023142	Platelet Concentrate	26-06-2019	02-07-2019	A-	Expired
1916	19I0023144	Platelet Concentrate	26-06-2019	02-07-2019	A-	Expired
1917	19I0023145	Platelet Concentrate	26-06-2019	02-07-2019	A-	Expired
1918	19I0023146	Platelet Concentrate	26-06-2019	02-07-2019	A-	Expired
1919	19I0023148	Platelet Concentrate	26-06-2019	02-07-2019	A-	Expired
1920	19I0023150	Platelet Concentrate	26-06-2019	02-07-2019	B+	Expired
1921	19I0023155	Platelet Concentrate	26-06-2019	02-07-2019	A+	Expired
1922	19i0023177	Whole Blood	26-06-2019	31-07-2019	O+	HCV
1923	19i0023178	Whole Blood	26-06-2019	31-07-2019	A+	HBV
1924	19i0023220	Whole Blood	27-06-2019	01-08-2019	O+	VDRL
1925	19i0023247	Whole Blood	27-06-2019	01-08-2019	B+	VDRL
1926	19i0023249	Whole Blood	27-06-2019	01-08-2019	A+	VDRL
1927	19i0023280	Whole Blood	27-06-2019	01-08-2019	A+	HBV
1928	19I0023289	Platelet Concentrate	28-06-2019	04-07-2019	A+	Expired
1929	19i0023305	Whole Blood	28-06-2019	02-08-2019	A-	VDRL
1930	19I0023310	PRBC	28-06-2019	02-08-2019	A+	QNS
1931	19i0023343	Whole Blood	28-06-2019	02-08-2019	AB+	VDRL
1932	19I0023392	Whole Blood	01-07-2019	04-08-2019	AB+	QNS
1933	19i0023396	Whole Blood	01-07-2019	05-08-2019	AB+	VDRL
1934	19i0023400	Whole Blood	01-07-2019	05-08-2019	A+	VDRL
1935	19i0023419	Whole Blood	01-07-2019	05-08-2019	A+	VDRL
1936	19i0023435	Whole Blood	01-07-2019	05-08-2019	O+	HBV
1937	19I0023447	Whole Blood	01-07-2019	12-08-2019	AB+	Expired
1938	19I0023512	Whole Blood	01-07-2019	04-08-2019	AB+	QNS
1939	19I0023516	Whole Blood	01-07-2019	04-08-2019	B+	Hemolysed
1940	19I0023518	FFP	01-07-2019	30-06-2020	B+	Broken
1941	19I0023520	Whole Blood	01-07-2019	04-08-2019	A+	Clot
1942	19I0023523	Whole Blood	01-07-2019	04-08-2019	A+	Clot
1943	19i0023570	Whole Blood	01-07-2019	05-08-2019	O+	HCV
1944	19I0023638	Platelet Concentrate	02-07-2019	08-07-2019	B-	Expired
1945	19I0023641	Platelet Concentrate	02-07-2019	08-07-2019	AB-	Expired
1946	19i0023664	Whole Blood	02-07-2019	06-08-2019	AB+	HBV
1947	19i0023706	Whole Blood	02-07-2019	06-08-2019	A+	VDRL
1948	19i0023716	Whole Blood	03-07-2019	07-08-2019	A+	HCV
1949	19I0023719	Platelet Concentrate	03-07-2019	09-07-2019	O+	Expired
1950	19I0023731	Platelet Concentrate	03-07-2019	09-07-2019	B+	Expired
1951	19I0023733	Platelet Concentrate	03-07-2019	09-07-2019	B+	Expired
1952	19I0023736	Platelet Concentrate	03-07-2019	09-07-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
1953	19I0023805	Platelet Concentrate	04-07-2019	10-07-2019	A+	Expired
1954	19I0023812	Platelet Concentrate	04-07-2019	10-07-2019	A+	Expired
1955	19I0023813	Platelet Concentrate	04-07-2019	10-07-2019	A+	Expired
1956	19I0023814	Platelet Concentrate	04-07-2019	10-07-2019	A+	Expired
1957	19I0023819	Platelet Concentrate	04-07-2019	10-07-2019	A+	Expired
1958	19I0023824	Platelet Concentrate	04-07-2019	10-07-2019	A+	Expired
1959	19I0023827	Platelet Concentrate	04-07-2019	10-07-2019	B+	Expired
1960	19I0023830	Platelet Concentrate	04-07-2019	10-07-2019	B+	Expired
1961	19I0023846	Platelet Concentrate	04-07-2019	10-07-2019	AB+	Expired
1962	19I0023879	Platelet Concentrate	05-07-2019	11-07-2019	A+	Expired
1963	19I0023889	Platelet Concentrate	05-07-2019	11-07-2019	AB+	Expired
1964	19I0023896	Platelet Concentrate	05-07-2019	11-07-2019	A+	Expired
1965	19I0023900	Platelet Concentrate	05-07-2019	11-07-2019	A+	Expired
1966	19i0023901	Whole Blood	05-07-2019	09-08-2019	A+	HCV
1967	19i0023903	Whole Blood	05-07-2019	09-08-2019	B+	HCV
1968	19i0023912	Whole Blood	05-07-2019	09-08-2019	A+	VDRL
1969	19i0023918	Whole Blood	05-07-2019	09-08-2019	A+	HCV
1970	19I0023938	Platelet Concentrate	06-07-2019	12-07-2019	A+	Expired
1971	19i0023939	Whole Blood	06-07-2019	10-08-2019	O+	HBV
1972	19I0023940	Platelet Concentrate	06-07-2019	12-07-2019	A+	Expired
1973	19i0023943	Whole Blood	06-07-2019	10-08-2019	O+	HIV
1974	19I0023947	Platelet Concentrate	06-07-2019	12-07-2019	O-	Expired
1975	19I0023954	Platelet Concentrate	06-07-2019	12-07-2019	O+	Expired
1976	19i0023979	Whole Blood	06-07-2019	10-08-2019	B+	HCV
1977	19I0023982	Platelet Concentrate	07-07-2019	13-07-2019	B+	Expired
1978	19I0023984	Platelet Concentrate	07-07-2019	13-07-2019	O+	Expired
1979	19I0023988	Platelet Concentrate	07-07-2019	13-07-2019	A+	Expired
1980	19I0023992	Platelet Concentrate	07-07-2019	13-07-2019	A+	Expired
1981	19I0023997	Platelet Concentrate	07-07-2019	13-07-2019	O+	Expired
1982	19I0024022	FFP	07-07-2019	06-07-2020	A+	Broken
1983	19i0024031	Whole Blood	08-07-2019	12-08-2019	O+	VDRL
1984	19i0024046	Whole Blood	08-07-2019	12-08-2019	A+	HCV
1985	19i0024064	Whole Blood	08-07-2019	12-08-2019	O+	HBV
1986	19i0024072	Whole Blood	08-07-2019	12-08-2019	A+	VDRL
1987	19I0024115	Platelet Concentrate	08-07-2019	14-07-2019	A+	Expired
1988	19I0024132	Platelet Concentrate	08-07-2019	14-07-2019	AB+	Expired
1989	19i0024138	Whole Blood	08-07-2019	12-08-2019	O+	VDRL
1990	19I0024139	Whole Blood	08-07-2019	19-08-2019	AB+	Expired
1991	19I0024141	Whole Blood	08-07-2019	19-08-2019	O+	Expired
1992	19I0024142	Whole Blood	08-07-2019	19-08-2019	B+	Expired
1993	19I0024143	Whole Blood	08-07-2019	19-08-2019	B-	Expired
1994	19i0024148	Whole Blood	08-07-2019	12-08-2019	A+	HCV
1995	19I0024160	FFP	08-07-2019	07-07-2020	A+	Broken
1996	19I0024187	Platelet Concentrate	09-07-2019	15-07-2019	AB+	Expired
1997	19I0024189	Platelet Concentrate	09-07-2019	15-07-2019	O+	Expired
1998	19I0024191	Platelet Concentrate	09-07-2019	15-07-2019	B+	Expired
1999	19I0024195	Platelet Concentrate	09-07-2019	15-07-2019	B+	Expired
2000	19I0024198	Platelet Concentrate	09-07-2019	15-07-2019	A+	Expired
2001	19i0024201	Whole Blood	09-07-2019	13-08-2019	A+	VDRL
2002	19i0024242	Whole Blood	09-07-2019	13-08-2019	A+	VDRL
2003	19i0024246	Whole Blood	09-07-2019	13-08-2019	A+	VDRL
2004	19I0024248	Platelet Concentrate	10-07-2019	16-07-2019	O+	Expired
2005	19I0024249	Platelet Concentrate	10-07-2019	16-07-2019	A+	Expired
2006	19I0024252	Platelet Concentrate	10-07-2019	16-07-2019	B+	Expired
2007	19I0024253	Platelet Concentrate	10-07-2019	16-07-2019	B+	Expired
2008	19I0024254	Platelet Concentrate	10-07-2019	16-07-2019	A+	Expired
2009	19I0024256	Platelet Concentrate	10-07-2019	16-07-2019	B+	Expired
2010	19I0024259	Leucofilter PRBC	10-07-2019	21-08-2019	A+	QNS
2011	19I0024259	PRBC	10-07-2019	21-08-2019	A+	Expired
2012	19I0024264	Platelet Concentrate	10-07-2019	16-07-2019	O+	Expired
2013	19I0024267	Platelet Concentrate	10-07-2019	16-07-2019	A+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2014	19I0024270	Platelet Concentrate	10-07-2019	16-07-2019	A-	Expired
2015	19I0024273	Platelet Concentrate	10-07-2019	16-07-2019	A+	Expired
2016	19I0024297	Whole Blood	10-07-2019	14-08-2019	B+	VDRL
2017	19I0024311	Platelet Concentrate	11-07-2019	17-07-2019	AB-	Expired
2018	19I0024317	Whole Blood	11-07-2019	15-08-2019	O+	HCV
2019	19I0024323	Platelet Concentrate	11-07-2019	17-07-2019	B+	Expired
2020	19I0024329	Platelet Concentrate	11-07-2019	17-07-2019	O+	Expired
2021	19I0024368	Platelet Concentrate	12-07-2019	18-07-2019	O+	Expired
2022	19I0024369	Platelet Concentrate	12-07-2019	18-07-2019	O+	Expired
2023	19I0024370	Platelet Concentrate	12-07-2019	18-07-2019	B-	Expired
2024	19I0024376	Platelet Concentrate	12-07-2019	18-07-2019	AB+	Expired
2025	19I0024377	Platelet Concentrate	12-07-2019	18-07-2019	O+	Expired
2026	19i0024388	Whole Blood	12-07-2019	16-08-2019	B+	HCV
2027	19I0024428	Platelet Concentrate	13-07-2019	19-07-2019	A+	Expired
2028	19I0024438	Platelet Concentrate	13-07-2019	19-07-2019	O+	Expired
2029	19I0024440	Platelet Concentrate	13-07-2019	19-07-2019	B+	Expired
2030	19i0024451	Whole Blood	14-07-2019	18-08-2019	O-	HCV
2031	19I0024452	Platelet Concentrate	14-07-2019	20-07-2019	B+	Expired
2032	19I0024454	Platelet Concentrate	14-07-2019	20-07-2019	A+	Expired
2033	19I0024457	Platelet Concentrate	14-07-2019	20-07-2019	A+	Expired
2034	19I0024463	Platelet Concentrate	14-07-2019	20-07-2019	O+	Expired
2035	19I0024464	Platelet Concentrate	14-07-2019	20-07-2019	A+	Expired
2036	19I0024465	Platelet Concentrate	14-07-2019	20-07-2019	B+	Expired
2037	19I0024467	Platelet Concentrate	14-07-2019	20-07-2019	B+	Expired
2038	19I0024470	Platelet Concentrate	14-07-2019	20-07-2019	O+	Expired
2039	19i0024472	Whole Blood	14-07-2019	18-08-2019	AB+	VDRL
2040	19I0024474	Platelet Concentrate	14-07-2019	20-07-2019	B+	Expired
2041	19I0024508	PRBC	14-07-2019	25-08-2019	O+	Clot
2042	19i0024530	Whole Blood	14-07-2019	18-08-2019	O+	VDRL
2043	19I0024598	Platelet Concentrate	15-07-2019	21-07-2019	AB+	Expired
2044	19I0024600	Platelet Concentrate	15-07-2019	21-07-2019	O+	Expired
2045	19I0024604	Platelet Concentrate	15-07-2019	21-07-2019	O+	Expired
2046	19I0024606	Platelet Concentrate	15-07-2019	21-07-2019	B+	Expired
2047	19i0024610	Whole Blood	15-07-2019	19-08-2019	B+	HCV
2048	19I0024615	Platelet Concentrate	15-07-2019	21-07-2019	A+	Expired
2049	19I0024617	Platelet Concentrate	15-07-2019	21-07-2019	AB+	Expired
2050	19I0024618	Platelet Concentrate	15-07-2019	21-07-2019	B+	Expired
2051	19I0024619	Platelet Concentrate	15-07-2019	21-07-2019	B-	Expired
2052	19I0024620	Platelet Concentrate	15-07-2019	21-07-2019	O+	Expired
2053	19I0024628	Platelet Concentrate	15-07-2019	21-07-2019	O+	Expired
2054	19I0024653	Platelet Concentrate	15-07-2019	21-07-2019	O+	Expired
2055	19I0024655	Platelet Concentrate	15-07-2019	21-07-2019	O+	Expired
2056	19i0024662	Whole Blood	16-07-2019	20-08-2019	AB+	HCV
2057	19I0024663	Platelet Concentrate	16-07-2019	22-07-2019	B+	Expired
2058	19I0024664	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2059	19I0024668	Platelet Concentrate	16-07-2019	22-07-2019	B+	Expired
2060	19I0024669	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2061	19I0024670	Platelet Concentrate	16-07-2019	22-07-2019	B+	Expired
2062	19I0024671	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2063	19I0024672	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2064	19I0024673	Platelet Concentrate	16-07-2019	22-07-2019	AB+	Expired
2065	19I0024674	Platelet Concentrate	16-07-2019	22-07-2019	AB+	Expired
2066	19I0024676	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2067	19I0024677	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2068	19I0024678	Platelet Concentrate	16-07-2019	22-07-2019	B-	Expired
2069	19I0024679	Platelet Concentrate	16-07-2019	22-07-2019	A+	Expired
2070	19I0024680	Platelet Concentrate	16-07-2019	22-07-2019	B+	Expired
2071	19I0024681	Platelet Concentrate	16-07-2019	22-07-2019	B+	Expired
2072	19I0024683	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2073	19I0024685	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2074	19i0024686	Whole Blood	16-07-2019	20-08-2019	O+	HCV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2075	19I0024693	Platelet Concentrate	16-07-2019	22-07-2019	O+	Expired
2076	19i0024706	Whole Blood	16-07-2019	20-08-2019	B+	HCV
2077	19I0024728	Platelet Concentrate	17-07-2019	23-07-2019	B+	Expired
2078	19I0024733	Platelet Concentrate	17-07-2019	23-07-2019	B+	Expired
2079	19I0024735	Platelet Concentrate	17-07-2019	23-07-2019	AB+	Expired
2080	19I0024736	Platelet Concentrate	17-07-2019	23-07-2019	O+	Expired
2081	19i0024738	Whole Blood	17-07-2019	21-08-2019	B+	HCV
2082	19I0024746	Platelet Concentrate	17-07-2019	23-07-2019	AB+	Expired
2083	19I0024749	Platelet Concentrate	17-07-2019	23-07-2019	A+	Expired
2084	19I0024759	Whole Blood	17-07-2019	28-08-2019	O+	Broken
2085	19I0024776	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2086	19I0024777	FFP	18-07-2019	17-07-2020	A-	Broken
2087	19I0024777	Platelet Concentrate	18-07-2019	24-07-2019	A-	Expired
2088	19I0024780	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2089	19I0024781	Platelet Concentrate	18-07-2019	24-07-2019	AB-	Expired
2090	19I0024782	Platelet Concentrate	18-07-2019	24-07-2019	A+	Expired
2091	19I0024786	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2092	19I0024788	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2093	19I0024789	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2094	19I0024793	Platelet Concentrate	18-07-2019	24-07-2019	A+	Expired
2095	19I0024794	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2096	19I0024797	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2097	19I0024798	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2098	19I0024800	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2099	19I0024803	Platelet Concentrate	18-07-2019	24-07-2019	B+	Expired
2100	19I0024804	FFP	18-07-2019	17-07-2020	B+	Broken
2101	19I0024817	FFP	18-07-2019	17-07-2020	B+	Broken
2102	19I0024821	Platelet Concentrate	18-07-2019	24-07-2019	O+	Broken
2103	19I0024832	Platelet Concentrate	19-07-2019	25-07-2019	B+	Expired
2104	19I0024833	Platelet Concentrate	19-07-2019	25-07-2019	AB+	Expired
2105	19I0024834	Platelet Concentrate	19-07-2019	25-07-2019	O+	Expired
2106	19I0024835	Platelet Concentrate	19-07-2019	25-07-2019	O+	Expired
2107	19I0024836	Platelet Concentrate	19-07-2019	25-07-2019	B+	Expired
2108	19I0024837	Platelet Concentrate	19-07-2019	25-07-2019	AB+	Expired
2109	19I0024844	Platelet Concentrate	19-07-2019	25-07-2019	AB+	Expired
2110	19I0024846	Platelet Concentrate	19-07-2019	25-07-2019	B+	Expired
2111	19I0024848	Platelet Concentrate	19-07-2019	25-07-2019	B+	Expired
2112	19I0024849	Platelet Concentrate	19-07-2019	25-07-2019	A+	Expired
2113	19I0024851	Platelet Concentrate	19-07-2019	25-07-2019	A+	Expired
2114	19I0024853	Platelet Concentrate	19-07-2019	25-07-2019	B-	Expired
2115	19I0024855	Platelet Concentrate	19-07-2019	25-07-2019	AB-	Expired
2116	19I0024858	Platelet Concentrate	19-07-2019	25-07-2019	A+	Expired
2117	19I0024859	Platelet Concentrate	19-07-2019	25-07-2019	B+	Expired
2118	19I0024862	Platelet Concentrate	19-07-2019	25-07-2019	B+	Expired
2119	19I0024864	Platelet Concentrate	19-07-2019	25-07-2019	O+	Expired
2120	19i0024878	Whole Blood	19-07-2019	23-08-2019	B+	HCV
2121	19I0024896	Platelet Concentrate	20-07-2019	26-07-2019	B+	Expired
2122	19I0024900	Platelet Concentrate	20-07-2019	26-07-2019	AB+	Expired
2123	19i0024901	Whole Blood	20-07-2019	24-08-2019	O-	VDRL
2124	19I0024902	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2125	19I0024903	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2126	19I0024904	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2127	19I0024905	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2128	19I0024906	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2129	19I0024907	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2130	19I0024908	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2131	19I0024910	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2132	19i0024911	Whole Blood	20-07-2019	24-08-2019	O+	HBV
2133	19I0024912	Platelet Concentrate	20-07-2019	26-07-2019	AB+	Expired
2134	19I0024913	Platelet Concentrate	20-07-2019	26-07-2019	B+	Expired
2135	19I0024915	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2136	19I0024916	Platelet Concentrate	20-07-2019	26-07-2019	B+	Expired
2137	19I0024917	Platelet Concentrate	20-07-2019	26-07-2019	O+	Expired
2138	19I0024921	Platelet Concentrate	20-07-2019	26-07-2019	B+	Expired
2139	19I0024956	Platelet Concentrate	21-07-2019	27-07-2019	AB+	Expired
2140	19I0024963	Platelet Concentrate	21-07-2019	27-07-2019	A+	Expired
2141	19I0024965	Platelet Concentrate	21-07-2019	27-07-2019	O-	Expired
2142	19I0024966	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2143	19I0024968	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2144	19I0024969	Platelet Concentrate	21-07-2019	27-07-2019	A+	Expired
2145	19I0024970	Platelet Concentrate	21-07-2019	27-07-2019	O-	Expired
2146	19i0024971	Whole Blood	21-07-2019	25-08-2019	AB-	HCV
2147	19I0024972	Platelet Concentrate	21-07-2019	27-07-2019	B+	Expired
2148	19I0024973	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2149	19I0024974	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2150	19I0024975	Platelet Concentrate	21-07-2019	27-07-2019	AB+	Expired
2151	19I0024977	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2152	19I0024978	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2153	19I0024980	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2154	19I0024983	Platelet Concentrate	21-07-2019	27-07-2019	O+	Expired
2155	19i0024991	Whole Blood	21-07-2019	25-08-2019	O+	HCV
2156	19i0025002	Whole Blood	21-07-2019	25-08-2019	O+	HCV
2157	19I0025006	Platelet Concentrate	22-07-2019	28-07-2019	AB+	Expired
2158	19I0025010	Platelet Concentrate	22-07-2019	28-07-2019	B+	Expired
2159	19I0025012	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2160	19I0025016	Platelet Concentrate	22-07-2019	28-07-2019	A+	Expired
2161	19I0025017	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2162	19I0025018	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2163	19I0025021	Platelet Concentrate	22-07-2019	28-07-2019	A+	Expired
2164	19I0025024	Platelet Concentrate	22-07-2019	28-07-2019	A+	Expired
2165	19I0025029	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2166	19I0025031	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2167	19I0025035	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2168	19I0025041	Platelet Concentrate	22-07-2019	28-07-2019	A+	Expired
2169	19I0025043	Platelet Concentrate	22-07-2019	28-07-2019	O+	Expired
2170	19I0025044	Whole Blood	22-07-2019	26-08-2019	A+	HCV
2171	19I0025067	Platelet Concentrate	23-07-2019	29-07-2019	O+	Expired
2172	19I0025071	Platelet Concentrate	23-07-2019	29-07-2019	B+	Expired
2173	19I0025072	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2174	19I0025075	Platelet Concentrate	23-07-2019	29-07-2019	B+	Expired
2175	19I0025077	Whole Blood	23-07-2019	27-08-2019	B+	HCV
2176	19I0025078	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2177	19I0025080	Platelet Concentrate	23-07-2019	29-07-2019	AB-	Expired
2178	19I0025082	Platelet Concentrate	23-07-2019	29-07-2019	AB-	Expired
2179	19I0025083	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2180	19I0025084	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2181	19I0025086	Platelet Concentrate	23-07-2019	29-07-2019	B+	Expired
2182	19I0025087	Platelet Concentrate	23-07-2019	29-07-2019	AB+	Expired
2183	19I0025091	Platelet Concentrate	23-07-2019	29-07-2019	O+	Expired
2184	19I0025092	Platelet Concentrate	23-07-2019	29-07-2019	O+	Expired
2185	19I0025093	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2186	19I0025095	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2187	19I0025096	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2188	19I0025098	Platelet Concentrate	23-07-2019	29-07-2019	AB+	Expired
2189	19i0025100	Whole Blood	23-07-2019	27-08-2019	A+	HCV
2190	19I0025102	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2191	19I0025104	Platelet Concentrate	23-07-2019	29-07-2019	A+	Expired
2192	19I0025108	Platelet Concentrate	23-07-2019	29-07-2019	B+	Expired
2193	19I0025109	Platelet Concentrate	23-07-2019	29-07-2019	O-	Expired
2194	19I0025134	Platelet Concentrate	24-07-2019	30-07-2019	A+	Expired
2195	19I0025138	Platelet Concentrate	24-07-2019	30-07-2019	A+	Expired
2196	19I0025140	Platelet Concentrate	24-07-2019	30-07-2019	A+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2197	19I0025158	Whole Blood	24-07-2019	04-09-2019	O+	QNS
2198	19i0025162	Whole Blood	24-07-2019	28-08-2019	B-	HCV
2199	19I0025164	Platelet Concentrate	24-07-2019	30-07-2019	AB+	Expired
2200	19I0025167	Whole Blood	24-07-2019	04-09-2019	O+	Clot
2201	19i0025173	Whole Blood	24-07-2019	28-08-2019	AB+	VDRL
2202	19i0025181	Whole Blood	24-07-2019	28-08-2019	AB+	HCV
2203	19I0025190	Platelet Concentrate	25-07-2019	31-07-2019	A+	Expired
2204	19i0025196	Whole Blood	25-07-2019	29-08-2019	O-	HCV
2205	19I0025208	Platelet Concentrate	25-07-2019	31-07-2019	A+	Expired
2206	19I0025209	Platelet Concentrate	25-07-2019	31-07-2019	O+	Expired
2207	19I0025211	Platelet Concentrate	25-07-2019	31-07-2019	A+	Expired
2208	19I0025216	Platelet Concentrate	25-07-2019	31-07-2019	A+	Expired
2209	19I0025217	Platelet Concentrate	25-07-2019	31-07-2019	O-	Expired
2210	19I0025220	Platelet Concentrate	25-07-2019	31-07-2019	A+	Expired
2211	19i0025229	Whole Blood	25-07-2019	29-08-2019	O+	HCV
2212	19i0025238	Whole Blood	25-07-2019	29-08-2019	O+	HCV
2213	19I0025240	Whole Blood	25-07-2019	29-08-2019	B+	Broken
2214	19I0025241	Platelet Concentrate	26-07-2019	01-08-2019	AB+	Expired
2215	19I0025243	Platelet Concentrate	26-07-2019	01-08-2019	B+	Expired
2216	19I0025246	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2217	19I0025247	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2218	19I0025250	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2219	19I0025251	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2220	19I0025252	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2221	19I0025254	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2222	19I0025255	Platelet Concentrate	26-07-2019	01-08-2019	A+	Expired
2223	19I0025256	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2224	19I0025257	Platelet Concentrate	26-07-2019	01-08-2019	A+	Expired
2225	19I0025259	Platelet Concentrate	26-07-2019	01-08-2019	B+	Expired
2226	19i0025262	Whole Blood	26-07-2019	30-08-2019	A+	HCV
2227	19I0025263	Platelet Concentrate	26-07-2019	01-08-2019	O+	Expired
2228	19I0025264	Platelet Concentrate	26-07-2019	01-08-2019	A-	Expired
2229	19I0025281	Whole Blood	26-07-2019	06-09-2019	O+	Clot
2230	19I0025297	Platelet Concentrate	27-07-2019	02-08-2019	A+	Expired
2231	19i0025307	Whole Blood	27-07-2019	31-08-2019	AB+	VDRL
2232	19I0025314	Platelet Concentrate	27-07-2019	02-08-2019	O-	Expired
2233	19I0025318	Platelet Concentrate	27-07-2019	02-08-2019	A+	Expired
2234	19I0025318	Whole Blood	27-07-2019	07-09-2019	A+	QNS
2235	19I0025319	Platelet Concentrate	27-07-2019	02-08-2019	B+	Expired
2236	19I0025320	Platelet Concentrate	27-07-2019	02-08-2019	B+	Expired
2237	19I0025325	Platelet Concentrate	28-07-2019	03-08-2019	AB-	Expired
2238	19i0025330	Whole Blood	28-07-2019	01-09-2019	B+	HCV
2239	19I0025335	Platelet Concentrate	28-07-2019	03-08-2019	B-	Expired
2240	19I0025336	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2241	19I0025339	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2242	19I0025341	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2243	19I0025343	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2244	19I0025348	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2245	19I0025352	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2246	19I0025353	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2247	19i0025354	Whole Blood	28-07-2019	01-09-2019	O+	HCV
2248	19I0025355	Platelet Concentrate	28-07-2019	03-08-2019	O+	Expired
2249	19I0025356	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2250	19I0025358	Platelet Concentrate	28-07-2019	03-08-2019	B+	Expired
2251	19I0025360	Platelet Concentrate	28-07-2019	03-08-2019	AB+	Expired
2252	19i0025404	Whole Blood	29-07-2019	02-09-2019	B+	VDRL
2253	19I0025410	Whole Blood	29-07-2019	02-09-2019	B+	QNS
2254	19i0025430	Whole Blood	29-07-2019	02-09-2019	B+	HCV
2255	19I0025489	Whole Blood	30-07-2019	10-09-2019	B+	Clot
2256	19i0025505	Whole Blood	30-07-2019	03-09-2019	B+	VDRL
2257	19I0025553	Platelet Concentrate	01-08-2019	07-08-2019	O+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2258	19I0025556	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2259	19I0025557	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2260	19I0025558	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2261	19I0025559	FFP	01-08-2019	31-07-2020	B+	Broken
2262	19I0025565	Whole Blood	01-08-2019	05-09-2019	B+	HBV
2263	19I0025587	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2264	19I0025591	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2265	19I0025594	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2266	19I0025596	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2267	19I0025600	Platelet Concentrate	01-08-2019	07-08-2019	B+	Expired
2268	19I0025606	Platelet Concentrate	01-08-2019	07-08-2019	B-	Expired
2269	19I0025608	Platelet Concentrate	01-08-2019	07-08-2019	A+	Expired
2270	19I0025610	Whole Blood	01-08-2019	05-09-2019	AB+	VDRL
2271	19I0025611	Whole Blood	01-08-2019	05-09-2019	A+	HBV
2272	19I0025616	Whole Blood	01-08-2019	05-09-2019	O+	VDRL
2273	19I0025617	Platelet Concentrate	01-08-2019	07-08-2019	O+	Expired
2274	19I0025618	Platelet Concentrate	01-08-2019	07-08-2019	O+	Expired
2275	19I0025626	Whole Blood	01-08-2019	05-09-2019	O+	HCV
2276	19I0025653	Platelet Concentrate	02-08-2019	08-08-2019	B+	Expired
2277	19I0025656	Platelet Concentrate	02-08-2019	08-08-2019	B+	Expired
2278	19I0025662	Platelet Concentrate	02-08-2019	08-08-2019	O+	Expired
2279	19I0025665	Platelet Concentrate	02-08-2019	08-08-2019	O+	Expired
2280	19I0025666	Whole Blood	02-08-2019	06-09-2019	O+	HCV
2281	19I0025668	Platelet Concentrate	02-08-2019	08-08-2019	O+	Expired
2282	19I0025669	Platelet Concentrate	02-08-2019	08-08-2019	B+	Expired
2283	19I0025671	Platelet Concentrate	02-08-2019	08-08-2019	O-	Expired
2284	19I0025674	Platelet Concentrate	02-08-2019	08-08-2019	A+	Expired
2285	19I0025675	Platelet Concentrate	02-08-2019	08-08-2019	AB+	Expired
2286	19I0025676	Platelet Concentrate	02-08-2019	08-08-2019	O+	Expired
2287	19I0025677	Platelet Concentrate	02-08-2019	08-08-2019	O+	Expired
2288	19I0025691	Whole Blood	02-08-2019	06-09-2019	O+	HCV
2289	19I0025708	Whole Blood	03-08-2019	07-09-2019	O+	HCV
2290	19I0025709	Platelet Concentrate	03-08-2019	09-08-2019	B+	Expired
2291	19I0025711	Platelet Concentrate	03-08-2019	09-08-2019	AB+	Expired
2292	19I0025713	Platelet Concentrate	03-08-2019	09-08-2019	B+	Expired
2293	19I0025716	Whole Blood	03-08-2019	07-09-2019	B-	HBV
2294	19I0025717	Platelet Concentrate	03-08-2019	09-08-2019	B-	Expired
2295	19I0025719	Platelet Concentrate	03-08-2019	09-08-2019	AB+	Expired
2296	19I0025720	Platelet Concentrate	03-08-2019	09-08-2019	B-	Expired
2297	19I0025721	Platelet Concentrate	03-08-2019	09-08-2019	O+	Expired
2298	19I0025723	Platelet Concentrate	03-08-2019	09-08-2019	B-	Expired
2299	19I0025728	Platelet Concentrate	03-08-2019	09-08-2019	B+	Expired
2300	19I0025757	Platelet Concentrate	04-08-2019	10-08-2019	B+	Expired
2301	19I0025767	Whole Blood	04-08-2019	08-09-2019	O+	HBV
2302	19I0025769	FFP	04-08-2019	03-08-2020	A+	Broken
2303	19I0025774	Whole Blood	04-08-2019	08-09-2019	A+	VDRL
2304	19I0025775	Platelet Concentrate	04-08-2019	10-08-2019	O+	Expired
2305	19I0025843	Whole Blood	04-08-2019	08-09-2019	O+	HCV
2306	19I0025843	Whole Blood	04-08-2019	08-09-2019	B+	HCV
2307	19I0025857	Whole Blood	04-08-2019	08-09-2019	A+	VDRL
2308	19I0025857	Whole Blood	04-08-2019	08-09-2019	B+	HCV
2309	19I0025861	Whole Blood	04-08-2019	08-09-2019	B+	HIV
2310	19I0025876	Whole Blood	04-08-2019	08-09-2019	B+	HCV
2311	19I0025895	Platelet Concentrate	05-08-2019	11-08-2019	A+	Expired
2312	19I0025896	Platelet Concentrate	05-08-2019	11-08-2019	O+	Expired
2313	19I0025898	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired
2314	19I0025899	FFP	05-08-2019	04-08-2020	B+	Clot
2315	19I0025900	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired
2316	19I0025905	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired
2317	19I0025905	FFP	05-08-2019	04-08-2020	B+	Broken
2318	19I0025909	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2319	19I0025915	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired
2320	19I0025916	Platelet Concentrate	05-08-2019	11-08-2019	O+	Expired
2321	19I0025917	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired
2322	19I0025919	Platelet Concentrate	05-08-2019	11-08-2019	A+	Expired
2323	19I0025920	Platelet Concentrate	05-08-2019	11-08-2019	B+	Expired
2324	19I0025924	Platelet Concentrate	05-08-2019	11-08-2019	O+	Expired
2325	19I0025924	FFP	05-08-2019	04-08-2020	O+	Broken
2326	19I0025937	Whole Blood	05-08-2019	09-09-2019	B+	HCV
2327	19I0025940	Whole Blood	05-08-2019	09-09-2019	O+	HCV
2328	19I0025956	Whole Blood	05-08-2019	09-09-2019	B+	HCV
2329	19I0025993	Platelet Concentrate	06-08-2019	12-08-2019	A+	Expired
2330	19I0025998	Platelet Concentrate	06-08-2019	12-08-2019	A+	Expired
2331	19I0025999	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2332	19I0026001	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2333	19I0026002	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2334	19I0026003	Platelet Concentrate	06-08-2019	12-08-2019	O-	Expired
2335	19I0026007	Whole Blood	06-08-2019	10-09-2019	B+	HCV
2336	19I0026009	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2337	19I0026012	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2338	19I0026017	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2339	19I0026018	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2340	19I0026022	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2341	19I0026023	Platelet Concentrate	06-08-2019	12-08-2019	B-	Expired
2342	19I0026026	Platelet Concentrate	06-08-2019	12-08-2019	B+	Expired
2343	19I0026030	Whole Blood	06-08-2019	10-09-2019	A+	HCV
2344	19I0026038	Whole Blood	06-08-2019	10-09-2019	B+	Lipemic
2345	19I0026057	FFP	06-08-2019	05-08-2020	AB+	Broken
2346	19I0026067	FFP	06-08-2019	05-08-2020	B+	Broken
2347	19I0026076	FFP	06-08-2019	05-08-2020	B+	Broken
2348	19I0026085	FFP	06-08-2019	05-08-2020	B+	Expired
2349	19I0026098	Platelet Concentrate	07-08-2019	13-08-2019	B+	Expired
2350	19I0026099	PRBC	07-08-2019	18-09-2019	B+	Expired
2351	19I0026118	Platelet Concentrate	07-08-2019	13-08-2019	B-	Expired
2352	19I0026122	Platelet Concentrate	07-08-2019	13-08-2019	B+	Expired
2353	19I0026158	Whole Blood	07-08-2019	11-09-2019	B-	HBV
2354	19I0026177	Platelet Concentrate	08-08-2019	14-08-2019	B+	Expired
2355	19I0026182	Whole Blood	08-08-2019	12-09-2019	B+	HCV
2356	19I0026187	Whole Blood	08-08-2019	12-09-2019	B+	HCV
2357	19I0026189	Platelet Concentrate	08-08-2019	14-08-2019	O+	Expired
2358	19I0026192	Platelet Concentrate	08-08-2019	14-08-2019	B+	Expired
2359	19I0026205	Whole Blood	08-08-2019	12-09-2019	B+	VDRL
2360	19I0026213	Whole Blood	08-08-2019	12-09-2019	B+	HCV
2361	19I0026220	Whole Blood	08-08-2019	12-09-2019	B+	HCV
2362	19I0026239	PRBC	09-08-2019	20-09-2019	B+	QNS
2363	19I0026248	Platelet Concentrate	09-08-2019	15-08-2019	B+	Expired
2364	19I0026250	Whole Blood	09-08-2019	13-09-2019	B+	VDRL
2365	19I0026252	Whole Blood	09-08-2019	13-09-2019	A+	HIV,VDRL
2366	19I0026255	Platelet Concentrate	09-08-2019	15-08-2019	A+	Expired
2367	19I0026256	Platelet Concentrate	09-08-2019	15-08-2019	B+	Expired
2368	19I0026261	Platelet Concentrate	09-08-2019	15-08-2019	O+	Expired
2369	19i0026294	Whole Blood	09-08-2019	13-09-2019	B+	HCV
2370	19i0026302	Whole Blood	10-08-2019	14-09-2019	O+	HCV
2371	19I0026312	Platelet Concentrate	10-08-2019	16-08-2019	B+	Expired
2372	19I0026315	Platelet Concentrate	10-08-2019	16-08-2019	B+	Expired
2373	19i0026317	Whole Blood	10-08-2019	14-09-2019	B+	HCV
2374	19I0026319	Platelet Concentrate	10-08-2019	16-08-2019	B+	Expired
2375	19i0026322	Whole Blood	10-08-2019	14-09-2019	A+	HCV
2376	19I0026324	Platelet Concentrate	10-08-2019	16-08-2019	O+	Expired
2377	19I0026358	Platelet Concentrate	11-08-2019	17-08-2019	O+	Expired
2378	19I0026359	Platelet Concentrate	11-08-2019	17-08-2019	B+	Expired
2379	19I0026363	Platelet Concentrate	11-08-2019	17-08-2019	B-	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2380	19I0026365	Platelet Concentrate	11-08-2019	17-08-2019	B+	Expired
2381	19I0026366	Platelet Concentrate	11-08-2019	17-08-2019	O+	Expired
2382	19I0026371	Platelet Concentrate	11-08-2019	17-08-2019	O+	Expired
2383	19I0026378	Whole Blood	11-08-2019	15-09-2019	B-	HBV
2384	19I0026379	FFP	11-08-2019	10-08-2020	O-	Expired
2385	19I0026381	Platelet Concentrate	11-08-2019	17-08-2019	A+	Expired
2386	19I0026423	FFP	12-08-2019	11-08-2020	B+	Clot
2387	19I0026425	Cryoprecipitate	12-08-2019	11-08-2020	B+	Expired
2388	19I0026428	Platelet Concentrate	12-08-2019	18-08-2019	O+	Expired
2389	19I0026429	Platelet Concentrate	12-08-2019	18-08-2019	B+	Expired
2390	19I0026440	Platelet Concentrate	12-08-2019	18-08-2019	B-	Expired
2391	19I0026441	Platelet Concentrate	12-08-2019	18-08-2019	B+	Expired
2392	19I0026443	Platelet Concentrate	12-08-2019	18-08-2019	B+	Expired
2393	19I0026444	Platelet Concentrate	12-08-2019	18-08-2019	B+	Expired
2394	19I0026450	Whole Blood	12-08-2019	16-09-2019	B+	VDRL
2395	19I0026471	Whole Blood	13-08-2019	17-09-2019	B+	HBV
2396	19I0026476	Platelet Concentrate	13-08-2019	19-08-2019	A+	Expired
2397	19I0026482	Platelet Concentrate	13-08-2019	19-08-2019	B+	Expired
2398	19I0026483	Platelet Concentrate	13-08-2019	19-08-2019	B+	Expired
2399	19I0026487	Platelet Concentrate	13-08-2019	19-08-2019	AB-	Expired
2400	19I0026493	Platelet Concentrate	13-08-2019	19-08-2019	O+	Expired
2401	19I0026495	Platelet Concentrate	13-08-2019	19-08-2019	B+	Expired
2402	19I0026496	Platelet Concentrate	13-08-2019	19-08-2019	B+	Expired
2403	19I0026497	Whole Blood	13-08-2019	17-09-2019	B+	VDRL
2404	19I0026498	Platelet Concentrate	13-08-2019	19-08-2019	B+	Expired
2405	19I0026526	Platelet Concentrate	14-08-2019	20-08-2019	B+	Expired
2406	19I0026527	Platelet Concentrate	14-08-2019	20-08-2019	B+	Expired
2407	19I0026537	Platelet Concentrate	14-08-2019	20-08-2019	B+	Expired
2408	19I0026539	Platelet Concentrate	14-08-2019	20-08-2019	B+	Expired
2409	19I0026544	Platelet Concentrate	14-08-2019	20-08-2019	A-	Expired
2410	19I0026545	Platelet Concentrate	14-08-2019	20-08-2019	B+	Expired
2411	19I0026548	Platelet Concentrate	14-08-2019	20-08-2019	B+	Expired
2412	19I0026572	Platelet Concentrate	15-08-2019	21-08-2019	O+	Expired
2413	19I0026574	Platelet Concentrate	15-08-2019	21-08-2019	O+	Expired
2414	19I0026575	Platelet Concentrate	15-08-2019	21-08-2019	O+	Expired
2415	19I0026584	Platelet Concentrate	15-08-2019	21-08-2019	O+	Expired
2416	19I0026586	Platelet Concentrate	15-08-2019	21-08-2019	O+	Expired
2417	19I0026615	Whole Blood	16-08-2019	20-09-2019	A+	HCV
2418	19I0026626	Platelet Concentrate	16-08-2019	22-08-2019	B+	Expired
2419	19I0026627	Platelet Concentrate	16-08-2019	22-08-2019	B+	Expired
2420	19I0026634	Platelet Concentrate	16-08-2019	22-08-2019	A+	Expired
2421	19I0026640	Platelet Concentrate	16-08-2019	22-08-2019	B+	Expired
2422	19I0026644	Platelet Concentrate	16-08-2019	22-08-2019	B+	Expired
2423	19I0026647	Platelet Concentrate	16-08-2019	22-08-2019	O+	Expired
2424	19I0026649	Platelet Concentrate	16-08-2019	22-08-2019	A+	Expired
2425	19I0026662	PRBC	16-08-2019	27-09-2019	B-	Broken
2426	19i0026667	Whole Blood	16-08-2019	20-09-2019	B+	HBV
2427	19I0026701	Platelet Concentrate	17-08-2019	23-08-2019	O+	Expired
2428	19I0026704	Whole Blood	17-08-2019	21-09-2019	B+	VDRL
2429	19I0026718	Whole Blood	17-08-2019	21-09-2019	B+	HCV
2430	19I0026739	Cryoprecipitate	17-08-2019	16-08-2020	O+	Broken
2431	19I0026762	Platelet Concentrate	18-08-2019	24-08-2019	B+	Expired
2432	19I0026763	Platelet Concentrate	18-08-2019	24-08-2019	B+	Expired
2433	19I0026764	Platelet Concentrate	18-08-2019	24-08-2019	B+	Expired
2434	19I0026766	Platelet Concentrate	18-08-2019	24-08-2019	B+	Expired
2435	19I0026791	Whole Blood	19-08-2019	23-09-2019	O+	HCV
2436	19I0026795	Whole Blood	19-08-2019	23-09-2019	B+	HCV
2437	19I0026808	Whole Blood	19-08-2019	23-09-2019	B+	HCV
2438	19I0026828	Whole Blood	19-08-2019	23-09-2019	AB+	HCV
2439	19I0026838	Whole Blood	19-08-2019	23-09-2019	A+	VDRL
2440	19I0026848	Platelet Concentrate	19-08-2019	25-08-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2441	19I0026849	Platelet Concentrate	19-08-2019	25-08-2019	B+	Expired
2442	19I0026852	Platelet Concentrate	19-08-2019	25-08-2019	B+	Expired
2443	19I0026853	Platelet Concentrate	19-08-2019	25-08-2019	O+	Expired
2444	19I0026854	Whole Blood	19-08-2019	23-09-2019	O+	HCV
2445	19I0026855	Platelet Concentrate	19-08-2019	25-08-2019	AB+	Expired
2446	19I0026857	Whole Blood	19-08-2019	23-09-2019	AB+	VDRL
2447	19I0026866	Whole Blood	19-08-2019	23-09-2019	B+	VDRL
2448	19I0026873	Whole Blood	19-08-2019	23-09-2019	O+	HCV
2449	19I0026906	Platelet Concentrate	20-08-2019	26-08-2019	A+	Expired
2450	19I0026908	PRBC	20-08-2019	01-10-2019	B+	Expired
2451	19I0026909	Platelet Concentrate	20-08-2019	26-08-2019	O+	Expired
2452	19I0026910	Platelet Concentrate	20-08-2019	26-08-2019	A+	Expired
2453	19I0026915	Platelet Concentrate	20-08-2019	26-08-2019	B+	Expired
2454	19I0026917	Platelet Concentrate	20-08-2019	26-08-2019	O+	Expired
2455	19I0026924	Platelet Concentrate	20-08-2019	26-08-2019	AB+	Expired
2456	19I0026926	Platelet Concentrate	20-08-2019	26-08-2019	A+	Expired
2457	19I0026931	Platelet Concentrate	20-08-2019	26-08-2019	A+	Expired
2458	19I0026939	Whole Blood	20-08-2019	24-09-2019	AB+	HCV
2459	19I0026942	Whole Blood	20-08-2019	24-09-2019	B+	HCV
2460	19I0026961	Whole Blood	21-08-2019	25-09-2019	O+	HBV
2461	19I0026979	Platelet Concentrate	21-08-2019	27-08-2019	B+	Expired
2462	19I0026980	Platelet Concentrate	21-08-2019	27-08-2019	O+	Expired
2463	19I0026982	Platelet Concentrate	21-08-2019	27-08-2019	B+	Expired
2464	19I0026984	Whole Blood	21-08-2019	25-09-2019	O+	HCV
2465	19I0026985	Platelet Concentrate	21-08-2019	27-08-2019	B+	Expired
2466	19I0026986	Platelet Concentrate	21-08-2019	27-08-2019	B+	Expired
2467	19I0026987	Whole Blood	21-08-2019	25-09-2019	O+	HIV
2468	19I0026990	Platelet Concentrate	21-08-2019	27-08-2019	AB+	Expired
2469	19I0026999	Platelet Concentrate	21-08-2019	27-08-2019	B+	Expired
2470	19I0027001	Platelet Concentrate	21-08-2019	27-08-2019	AB+	Expired
2471	19I0027004	Whole Blood	21-08-2019	25-09-2019	O-	VDRL
2472	19I0027029	Platelet Concentrate	22-08-2019	28-08-2019	AB+	Expired
2473	19I0027030	Platelet Concentrate	22-08-2019	28-08-2019	B+	Expired
2474	19I0027032	Platelet Concentrate	22-08-2019	28-08-2019	AB+	Expired
2475	19I0027034	Platelet Concentrate	22-08-2019	28-08-2019	B+	Expired
2476	19I0027036	Platelet Concentrate	22-08-2019	28-08-2019	AB+	Expired
2477	19I0027038	Platelet Concentrate	22-08-2019	28-08-2019	B+	Expired
2478	19I0027039	Platelet Concentrate	22-08-2019	28-08-2019	O+	Expired
2479	19I0027047	Platelet Concentrate	22-08-2019	28-08-2019	O+	Expired
2480	19I0027053	Whole Blood	22-08-2019	26-09-2019	B+	VDRL
2481	19I0027086	Platelet Concentrate	23-08-2019	29-08-2019	A+	Expired
2482	19I0027096	Whole Blood	23-08-2019	27-09-2019	AB+	VDRL
2483	19I0027097	Platelet Concentrate	23-08-2019	29-08-2019	B+	Expired
2484	19I0027119	Whole Blood	23-08-2019	27-09-2019	B+	HBV
2485	19I0027149	Whole Blood	24-08-2019	28-09-2019	B+	HCV
2486	19I0027159	Whole Blood	24-08-2019	28-09-2019	B+	HCV
2487	19I0027165	Whole Blood	24-08-2019	28-09-2019	B+	VDRL
2488	19I0027211	Platelet Concentrate	25-08-2019	31-08-2019	B+	Expired
2489	19I0027329	Platelet Concentrate	27-08-2019	02-09-2019	B+	Expired
2490	19I0027331	Platelet Concentrate	27-08-2019	02-09-2019	B+	Expired
2491	19I0027337	Platelet Concentrate	27-08-2019	02-09-2019	B+	Expired
2492	19I0027338	Whole Blood	27-08-2019	01-10-2019	O+	HBV
2493	19I0027339	Platelet Concentrate	27-08-2019	02-09-2019	B+	Expired
2494	19I0027343	Platelet Concentrate	27-08-2019	02-09-2019	B-	Expired
2495	19I0027350	Platelet Concentrate	27-08-2019	02-09-2019	B+	Expired
2496	19I0027375	Whole Blood	27-08-2019	01-10-2019	A+	HBV
2497	19I0027407	Whole Blood	27-08-2019	01-10-2019	B+	VDRL
2498	19I0027464	Platelet Concentrate	28-08-2019	03-09-2019	A+	Expired
2499	19I0027470	Platelet Concentrate	28-08-2019	03-09-2019	O+	Expired
2500	19I0027526	Platelet Concentrate	29-08-2019	04-09-2019	B+	Expired
2501	19I0027532	Platelet Concentrate	29-08-2019	04-09-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2502	19I0027553	Platelet Concentrate	29-08-2019	04-09-2019	B+	Expired
2503	19I0027555	Platelet Concentrate	29-08-2019	04-09-2019	A+	Expired
2504	19I0027562	PRBC	29-08-2019	10-10-2019	B+	Clot
2505	19I0027600	Whole Blood	30-08-2019	04-10-2019	B+	VDRL
2506	19I0027601	Platelet Concentrate	30-08-2019	05-09-2019	B+	Expired
2507	19I0027692	Platelet Concentrate	31-08-2019	06-09-2019	O+	Expired
2508	19I0027707	Platelet Concentrate	31-08-2019	06-09-2019	B+	Expired
2509	19I0027753	Whole Blood	01-09-2019	06-10-2019	O+	HCV
2510	19I0027756	Platelet Concentrate	01-09-2019	07-09-2019	B+	Expired
2511	19I0027761	Platelet Concentrate	01-09-2019	07-09-2019	O-	Expired
2512	19I0027811	Whole Blood	02-09-2019	07-10-2019	B+	HCV
2513	19I0027812	Whole Blood	02-09-2019	07-10-2019	B+	HCV
2514	19I0027833	Whole Blood	02-09-2019	07-10-2019	A+	HCV
2515	19I0027860	Whole Blood	02-09-2019	07-10-2019	AB+	VDRL
2516	19I0027871	Platelet Concentrate	02-09-2019	08-09-2019	AB+	Expired
2517	19I0027872	FFP	02-09-2019	01-09-2020	AB+	Clot
2518	19I0027873	Platelet Concentrate	02-09-2019	08-09-2019	O+	Expired
2519	19I0027885	Platelet Concentrate	02-09-2019	08-09-2019	AB+	Expired
2520	19I0027895	Whole Blood	02-09-2019	07-10-2019	AB+	VDRL
2521	19I0027929	FFP	02-09-2019	01-09-2020	B+	Broken
2522	19I0027941	Whole Blood	02-09-2019	07-10-2019	A+	HBV
2523	19I0027954	FFP	02-09-2019	01-09-2020	AB+	Clot
2524	19I0027968	Whole Blood	03-09-2019	08-10-2019	B+	VDRL
2525	19I0027970	Platelet Concentrate	03-09-2019	09-09-2019	A+	Expired
2526	19I0027982	Platelet Concentrate	03-09-2019	09-09-2019	O+	Expired
2527	19I0027983	FFP	03-09-2019	02-09-2020	AB+	Clot
2528	19I0027985	Platelet Concentrate	03-09-2019	09-09-2019	AB+	Expired
2529	19I0027989	Whole Blood	03-09-2019	08-10-2019	AB-	HCV
2530	19I0027989	Platelet Concentrate	03-09-2019	09-09-2019	AB+	Expired
2531	19I0027996	Platelet Concentrate	03-09-2019	09-09-2019	O+	Expired
2532	19I0028002	Whole Blood	03-09-2019	08-10-2019	A-	VDRL
2533	19I0028003	Whole Blood	03-09-2019	08-10-2019	AB+	HCV
2534	19I0028017	Whole Blood	03-09-2019	08-10-2019	B+	HCV
2535	19I0028020	Whole Blood	03-09-2019	08-10-2019	A+	HCV
2536	19I0028030	Whole Blood	03-09-2019	08-10-2019	AB+	HBV
2537	19I0028048	FFP	04-09-2019	03-09-2020	A+	Broken
2538	19I0028050	Platelet Concentrate	04-09-2019	10-09-2019	AB-	Expired
2539	19I0028058	Platelet Concentrate	04-09-2019	10-09-2019	A-	Expired
2540	19I0028059	Platelet Concentrate	04-09-2019	10-09-2019	AB+	Expired
2541	19I0028060	Platelet Concentrate	04-09-2019	10-09-2019	AB+	Expired
2542	19I0028062	Platelet Concentrate	04-09-2019	10-09-2019	AB+	Expired
2543	19I0028064	Platelet Concentrate	04-09-2019	10-09-2019	AB+	Expired
2544	19I0028066	Platelet Concentrate	04-09-2019	10-09-2019	A+	Expired
2545	19I0028069	Platelet Concentrate	04-09-2019	10-09-2019	A-	Expired
2546	19I0028073	Platelet Concentrate	04-09-2019	10-09-2019	O+	Expired
2547	19I0028084	Whole Blood	04-09-2019	09-10-2019	A+	HIV
2548	19I0028104	Whole Blood	04-09-2019	09-10-2019	A+	VDRL
2549	19I0028075	Platelet Concentrate	04-09-2019	10-09-2019	O+	Expired
2550	19I0028127	Platelet Concentrate	05-09-2019	11-09-2019	B+	Expired
2551	19I0028135	Platelet Concentrate	05-09-2019	11-09-2019	A+	Expired
2552	19I0028159	Whole Blood	05-09-2019	10-10-2019	A+	HBV
2553	19I0028184	Platelet Concentrate	06-09-2019	12-09-2019	A+	Expired
2554	19I0028189	Whole Blood	06-09-2019	11-10-2019	A+	HCV
2555	19I0028211	Whole Blood	06-09-2019	11-10-2019	AB+	HBV
2556	19I0028217	Whole Blood	06-09-2019	11-10-2019	AB+	HCV
2557	19I0028235	Whole Blood	06-09-2019	11-10-2019	O+	HCV
2558	19I0028260	Whole Blood	06-09-2019	11-10-2019	O+	HBV
2559	19I0028271	Whole Blood	06-09-2019	11-10-2019	A+	HCV
2560	19I0028275	Whole Blood	06-09-2019	11-10-2019	O+	HCV
2561	19I0028276	PRBC	06-09-2019	18-10-2019	A+	Lipemic
2562	19I0028304	Platelet Concentrate	07-09-2019	13-09-2019	O+	RBC Contamination

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2563	19I0028309	Whole Blood	07-09-2019	12-10-2019	AB+	HIV
2564	19I0028362	Whole Blood	08-09-2019	13-10-2019	A+	HCV
2565	19I0028366	FFP	08-09-2019	07-09-2020	A-	Clot
2566	19I0028369	Platelet Concentrate	08-09-2019	14-09-2019	AB+	Expired
2567	19I0028371	Platelet Concentrate	08-09-2019	14-09-2019	O+	Expired
2568	19I0028373	Platelet Concentrate	08-09-2019	14-09-2019	A+	Expired
2569	19I0028375	Platelet Concentrate	08-09-2019	14-09-2019	A+	Expired
2570	19I0028378	Platelet Concentrate	08-09-2019	14-09-2019	O+	Expired
2571	19I0028379	Platelet Concentrate	08-09-2019	14-09-2019	AB+	Expired
2572	19I0028380	Platelet Concentrate	08-09-2019	14-09-2019	AB+	Expired
2573	19I0028381	Platelet Concentrate	08-09-2019	14-09-2019	AB+	Expired
2574	19I0028382	Whole Blood	08-09-2019	13-10-2019	O+	HCV
2575	19I0028397	Platelet Concentrate	08-09-2019	14-09-2019	O-	Expired
2576	19I0028404	Whole Blood	08-09-2019	13-10-2019	B+	HCV
2577	19I0028406	PRBC	08-09-2019	20-10-2019	AB+	QNS
2578	19I0028465	Whole Blood	08-09-2019	13-10-2019	A+	HBV
2579	19I0028554	Whole Blood	08-09-2019	13-10-2019	AB+	VDRL
2580	19I0028561	Whole Blood	08-09-2019	13-10-2019	O+	HBV
2581	19I0028569	Whole Blood	09-09-2019	14-10-2019	B+	HCV
2582	19I0028575	Whole Blood	09-09-2019	14-10-2019	AB+	HBV
2583	19I0028582	Whole Blood	09-09-2019	14-10-2019	B+	HCV
2584	19I0028585	Platelet Concentrate	09-09-2019	15-09-2019	AB+	Expired
2585	19I0028586	Whole Blood	09-09-2019	14-10-2019	O+	HBV
2586	19I0028616	Whole Blood	09-09-2019	14-10-2019	B+	HCV
2587	19I0028638	Whole Blood	09-09-2019	14-10-2019	B+	VDRL
2588	19I0028638	Whole Blood	09-09-2019	14-10-2019	B+	HCV
2589	19I0028713	Whole Blood	10-09-2019	15-10-2019	O-	HCV
2590	19I0028761	Whole Blood	10-09-2019	15-10-2019	A+	Expired
2591	19I0028763	Whole Blood	10-09-2019	15-10-2019	O+	HIV
2592	19I0028805	Platelet Concentrate	10-09-2019	16-09-2019	O+	Expired
2593	19I0028807	Whole Blood	10-09-2019	15-10-2019	O+	HCV
2594	19I0028825	Platelet Concentrate	10-09-2019	16-09-2019	O+	Expired
2595	19I0028852	Whole Blood	10-09-2019	15-10-2019	O+	HCV
2596	19I0028884	Platelet Concentrate	11-09-2019	17-09-2019	O+	Expired
2597	19I0028894	Platelet Concentrate	11-09-2019	17-09-2019	AB+	Expired
2598	19I0028896	Platelet Concentrate	11-09-2019	17-09-2019	AB+	Expired
2599	19I0028911	Leucofilter PRBC	11-09-2019	23-10-2019	AB+	Expired
2600	19I0028916	Platelet Concentrate	11-09-2019	17-09-2019	AB+	Expired
2601	19I0028917	Platelet Concentrate	11-09-2019	17-09-2019	AB+	Expired
2602	19I0028934	FFP	11-09-2019	10-09-2020	B+	Clot
2603	19I0028958	Platelet Concentrate	12-09-2019	18-09-2019	AB+	Expired
2604	19I0028969	Leucofilter PRBC	12-09-2019	24-10-2019	B+	QNS
2605	19I0028977	Platelet Concentrate	12-09-2019	18-09-2019	O-	Expired
2606	19I0028981	Platelet Concentrate	12-09-2019	18-09-2019	B+	Expired
2607	19I0028982	Platelet Concentrate	12-09-2019	18-09-2019	A-	Expired
2608	19I0029011	Leucofilter PRBC	13-09-2019	25-10-2019	AB+	QNS
2609	19I0029012	Leucofilter PRBC	13-09-2019	25-10-2019	B+	Broken
2610	19I0029013	FFP	13-09-2019	12-09-2020	AB-	Clot
2611	19I0029016	Platelet Concentrate	13-09-2019	19-09-2019	AB+	Expired
2612	19I0029020	Platelet Concentrate	13-09-2019	19-09-2019	A+	Expired
2613	19I0029026	Platelet Concentrate	13-09-2019	19-09-2019	O+	Expired
2614	19I0029029	Platelet Concentrate	13-09-2019	19-09-2019	B+	Expired
2615	19I0029041	FFP	13-09-2019	12-09-2020	AB+	Expired
2616	19I0029064	Whole Blood	13-09-2019	18-10-2019	O+	HCV
2617	19I0029080	Platelet Concentrate	14-09-2019	20-09-2019	AB+	Expired
2618	19I0029083	Platelet Concentrate	14-09-2019	20-09-2019	AB+	Expired
2619	19I0029091	Platelet Concentrate	14-09-2019	20-09-2019	AB+	Expired
2620	19I0029096	Platelet Concentrate	14-09-2019	20-09-2019	AB+	Expired
2621	19I0029106	Leucofilter PRBC	14-09-2019	26-10-2019	B+	Lipemic
2622	19I0029133	Whole Blood	14-09-2019	19-10-2019	AB+	HBV
2623	19I0029152	Platelet Concentrate	15-09-2019	21-09-2019	O-	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2624	19I0029154	Whole Blood	15-09-2019	20-10-2019	O-	Clot
2625	19I0029162	Platelet Concentrate	15-09-2019	21-09-2019	B+	Expired
2626	19I0029169	Platelet Concentrate	15-09-2019	21-09-2019	B+	Expired
2627	19I0029170	Platelet Concentrate	15-09-2019	21-09-2019	B+	Expired
2628	19I0029175	Platelet Concentrate	15-09-2019	21-09-2019	A+	Expired
2629	19I0029176	Platelet Concentrate	15-09-2019	21-09-2019	O+	Expired
2630	19I0029177	Platelet Concentrate	15-09-2019	21-09-2019	O+	Expired
2631	19I0029195	Whole Blood	15-09-2019	20-10-2019	AB+	HCV
2632	19I0029198	PRBC	15-09-2019	27-10-2019	O+	Expired
2633	19I0029222	Whole Blood	16-09-2019	21-10-2019	O+	HBV
2634	19I0029226	Platelet Concentrate	16-09-2019	22-09-2019	AB+	Expired
2635	19I0029230	Platelet Concentrate	16-09-2019	22-09-2019	O+	Expired
2636	19I0029240	Platelet Concentrate	16-09-2019	22-09-2019	O+	Expired
2637	19I0029270	Whole Blood	16-09-2019	21-10-2019	AB+	HCV
2638	19I0029310	Platelet Concentrate	17-09-2019	23-09-2019	O+	Expired
2639	19I0029321	Platelet Concentrate	17-09-2019	23-09-2019	B+	Expired
2640	19I0029326	Platelet Concentrate	17-09-2019	23-09-2019	O+	Expired
2641	19I0029355	Whole Blood	17-09-2019	22-10-2019	AB+	HCV
2642	19I0029382	Whole Blood	18-09-2019	23-10-2019	AB+	VDRL
2643	19I0029386	Whole Blood	18-09-2019	23-10-2019	O+	VDRL
2644	19I0029397	Whole Blood	18-09-2019	23-10-2019	O+	HCV
2645	19I0029403	FFP	18-09-2019	17-09-2020	O+	Expired
2646	19I0029433	Whole Blood	19-09-2019	24-10-2019	B+	HCV
2647	19I0029454	Platelet Concentrate	19-09-2019	25-09-2019	AB+	Expired
2648	19I0029462	Whole Blood	19-09-2019	24-10-2019	O+	HCV
2649	19I0029463	Whole Blood	19-09-2019	24-10-2019	O+	HBV
2650	19I0029471	FFP	19-09-2019	18-09-2020	O+	Expired
2651	19I0029487	Whole Blood	20-09-2019	25-10-2019	AB+	HCV
2652	19I0029492	Platelet Concentrate	20-09-2019	26-09-2019	O+	Expired
2653	19I0029493	Platelet Concentrate	20-09-2019	26-09-2019	O+	Expired
2654	19I0029497	Platelet Concentrate	20-09-2019	26-09-2019	O+	Expired
2655	19I0029499	Platelet Concentrate	20-09-2019	26-09-2019	O+	Expired
2656	19I0029501	Platelet Concentrate	20-09-2019	26-09-2019	B+	Expired
2657	19I0029508	Platelet Concentrate	20-09-2019	26-09-2019	B+	Expired
2658	19I0029509	Platelet Concentrate	20-09-2019	26-09-2019	O+	Expired
2659	19I0029514	Platelet Concentrate	20-09-2019	26-09-2019	AB+	Expired
2660	19I0029516	Platelet Concentrate	20-09-2019	26-09-2019	O+	Expired
2661	19I0029602	Whole Blood	20-09-2019	25-10-2019	AB+	QNS
2662	19I0029615	Whole Blood	20-09-2019	25-10-2019	O+	VDRL
2663	19I0029643	Whole Blood	20-09-2019	25-10-2019	O+	HCV
2664	19I0029647	Whole Blood	20-09-2019	25-10-2019	AB+	HCV
2665	19I0029680	Whole Blood	21-09-2019	26-10-2019	O+	HBV
2666	19I0029711	Whole Blood	21-09-2019	26-10-2019	O+	HBV
2667	19I0029719	Whole Blood	21-09-2019	26-10-2019	AB+	HBV
2668	19I0029754	Whole Blood	21-09-2019	26-10-2019	A+	HCV
2669	19I0029765	Whole Blood	21-09-2019	26-10-2019	B+	HCV
2670	19I0029776	Whole Blood	21-09-2019	26-10-2019	A+	HCV
2671	19I0029811	Whole Blood	22-09-2019	27-10-2019	B+	HCV
2672	19I0029821	Whole Blood	22-09-2019	27-10-2019	B+	HCV
2673	19I0029835	Platelet Concentrate	22-09-2019	28-09-2019	AB+	Expired
2674	19I0029921	Whole Blood	22-09-2019	27-10-2019	AB+	HCV
2675	19I0029922	Whole Blood	22-09-2019	27-10-2019	AB+	HCV
2676	19I0029946	Whole Blood	23-09-2019	28-10-2019	B+	VDRL
2677	19I0029954	Whole Blood	23-09-2019	28-10-2019	B+	VDRL
2678	19I0029961	Whole Blood	23-09-2019	28-10-2019	B+	HCV
2679	19I0029977	Whole Blood	23-09-2019	28-10-2019	AB+	HBV
2680	19I0029984	Platelet Concentrate	23-09-2019	29-09-2019	AB+	Expired
2681	19I0029988	Platelet Concentrate	23-09-2019	29-09-2019	AB+	Expired
2682	19I0029996	Whole Blood	23-09-2019	28-10-2019	O+	HCV
2683	19I0030008	Whole Blood	23-09-2019	28-10-2019	B+	HBV
2684	19I0030035	Whole Blood	24-09-2019	29-10-2019	A+	HCV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2685	19I0030049	Platelet Concentrate	24-09-2019	30-09-2019	O+	Expired
2686	19I0030062	Whole Blood	24-09-2019	29-10-2019	O+	HCV
2687	19I0030070	Platelet Concentrate	24-09-2019	30-09-2019	O+	Expired
2688	19I0030072	Whole Blood	24-09-2019	29-10-2019	O+	HCV
2689	19I0030092	Platelet Concentrate	24-09-2019	30-09-2019	AB+	Expired
2690	19I0030094	Platelet Concentrate	24-09-2019	30-09-2019	AB+	Expired
2691	19I0030095	Platelet Concentrate	24-09-2019	30-09-2019	O+	Expired
2692	19I0030096	Platelet Concentrate	24-09-2019	30-09-2019	B+	Expired
2693	19I0030097	Platelet Concentrate	24-09-2019	30-09-2019	B+	Expired
2694	19I0030099	Platelet Concentrate	24-09-2019	30-09-2019	A-	Expired
2695	19I0030101	Platelet Concentrate	24-09-2019	30-09-2019	A+	Expired
2696	19I0030103	Platelet Concentrate	24-09-2019	30-09-2019	A+	Expired
2697	19I0030104	Whole Blood	24-09-2019	29-10-2019	AB+	HCV
2698	19I0030106	Platelet Concentrate	24-09-2019	30-09-2019	AB+	Expired
2699	19I0030107	Platelet Concentrate	24-09-2019	30-09-2019	B+	Expired
2700	19I0030113	Platelet Concentrate	24-09-2019	30-09-2019	B+	Expired
2701	19I0030119	Platelet Concentrate	25-09-2019	01-10-2019	B+	Expired
2702	19I0030121	Platelet Concentrate	25-09-2019	01-10-2019	AB-	Expired
2703	19I0030137	Platelet Concentrate	25-09-2019	01-10-2019	O+	Expired
2704	19I0030144	Platelet Concentrate	25-09-2019	01-10-2019	A+	Expired
2705	19I0030146	Whole Blood	25-09-2019	30-10-2019	A+	HCV
2706	19I0030154	Whole Blood	25-09-2019	30-10-2019	B+	HCV
2707	19I0030159	FFP	25-09-2019	24-09-2020	B+	Expired
2708	19I0030167	Platelet Concentrate	25-09-2019	01-10-2019	A+	Expired
2709	19I0030168	Platelet Concentrate	25-09-2019	01-10-2019	A+	Expired
2710	19I0030183	Platelet Concentrate	26-09-2019	02-10-2019	AB+	Expired
2711	19I0030205	Platelet Concentrate	26-09-2019	02-10-2019	B+	Expired
2712	19I0030206	Platelet Concentrate	26-09-2019	02-10-2019	AB+	Expired
2713	19I0030215	Whole Blood	26-09-2019	31-10-2019	A+	HBV
2714	19I0030216	Platelet Concentrate	26-09-2019	02-10-2019	O+	Expired
2715	19I0030219	Platelet Concentrate	26-09-2019	02-10-2019	A+	Expired
2716	19I0030220	Platelet Concentrate	26-09-2019	02-10-2019	B+	Expired
2717	19I0030221	Whole Blood	26-09-2019	31-10-2019	A+	HCV
2718	19I0030223	Platelet Concentrate	26-09-2019	02-10-2019	AB+	Expired
2719	19I0030224	Whole Blood	26-09-2019	31-10-2019	O+	HCV
2720	19I0030232	Whole Blood	27-09-2019	01-11-2019	O+	HCV
2721	19I0030251	Whole Blood	27-09-2019	01-11-2019	B+	HCV
2722	19I0030253	Whole Blood	27-09-2019	01-11-2019	AB+	VDRL
2723	19I0030261	Platelet Concentrate	27-09-2019	03-10-2019	AB+	Expired
2724	19I0030280	Whole Blood	27-09-2019	01-11-2019	AB+	HCV
2725	19I0030281	Platelet Concentrate	27-09-2019	03-10-2019	O+	Expired
2726	19I0030299	Whole Blood	28-09-2019	02-11-2019	AB+	HCV
2727	19I0030371	Whole Blood	28-09-2019	02-11-2019	B+	Expired
2728	19I0030412	Whole Blood	28-09-2019	02-11-2019	AB+	HCV
2729	19I0030475	Cryoprecipitate	28-09-2019	27-09-2020	O+	Broken
2730	19I0030483	Cryoprecipitate	28-09-2019	27-09-2020	AB+	Broken
2731	19I0030493	Cryoprecipitate	29-09-2019	28-09-2020	AB+	RBC Contamination
2732	19I0030494	Platelet Concentrate	29-09-2019	05-10-2019	AB+	Expired
2733	19I0030516	Platelet Concentrate	29-09-2019	05-10-2019	O+	Expired
2734	19I0030523	Platelet Concentrate	29-09-2019	05-10-2019	O+	Expired
2735	19I0030553	Cryoprecipitate	29-09-2019	28-09-2020	O-	Broken
2736	19I0030609	Whole Blood	01-10-2019	05-11-2019	A-	HBV
2737	19I0030621	Platelet Concentrate	01-10-2019	07-10-2019	O+	Expired
2738	19I0030635	Whole Blood	01-10-2019	05-11-2019	O-	HBV
2739	19I0030654	Platelet Concentrate	01-10-2019	07-10-2019	O+	Expired
2740	19I0030656	Platelet Concentrate	01-10-2019	07-10-2019	A-	Expired
2741	19I0030662	FFP	01-10-2019	30-09-2020	A+	Expired
2742	19I0030679	Whole Blood	01-10-2019	05-11-2019	O+	VDRL
2743	19I0030684	Whole Blood	01-10-2019	05-11-2019	O+	VDRL
2744	19I0030701	Whole Blood	01-10-2019	05-11-2019	O+	HCV
2745	19I0030720	Whole Blood	02-10-2019	06-11-2019	AB+	VDRL

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2746	19I0030737	Whole Blood	02-10-2019	06-11-2019	O+	HCV
2747	19I0030741	Whole Blood	02-10-2019	06-11-2019	B+	HIV
2748	19I0030783	Whole Blood	02-10-2019	06-11-2019	B+	HCV
2749	19I0030796	Whole Blood	02-10-2019	06-11-2019	O+	HBV
2750	19I0030803	Whole Blood	02-10-2019	06-11-2019	B+	VDRL
2751	19I0030808	Whole Blood	02-10-2019	06-11-2019	A+	VDRL
2752	19I0030817	Platelet Concentrate	02-10-2019	08-10-2019	B+	Expired
2753	19I0030818	Platelet Concentrate	02-10-2019	08-10-2019	A+	Expired
2754	19I0030822	Platelet Concentrate	02-10-2019	08-10-2019	A+	Expired
2755	19I0030848	Whole Blood	03-10-2019	07-11-2019	AB+	VDRL
2756	19I0030882	PRBC	03-10-2019	07-11-2019	B+	LRB
2757	19I0030886	Whole Blood	03-10-2019	07-11-2019	O+	HCV
2758	19I0030888	Whole Blood	03-10-2019	07-11-2019	A-	HBV
2759	19I0030896	PRBC	03-10-2019	14-11-2019	O+	Clot
2760	19I0030898	Whole Blood	03-10-2019	07-11-2019	O+	VDRL
2761	19I0030911	Whole Blood	03-10-2019	07-11-2019	B+	VDRL
2762	19I0030915	Platelet Concentrate	03-10-2019	09-10-2019	A+	Expired
2763	19I0030939	Whole Blood	03-10-2019	07-11-2019	O+	HCV
2764	19I0030942	FFP	03-10-2019	02-10-2020	A+	Broken
2765	19I0030977	Whole Blood	04-10-2019	08-11-2019	A+	HBV
2766	19I0030987	Whole Blood	04-10-2019	08-11-2019	O+	HBV
2767	19I0031006	Platelet Concentrate	04-10-2019	10-10-2019	A+	Expired
2768	19I0031040	Whole Blood	05-10-2019	09-11-2019	A+	HCV
2769	19I0031095	FFP	06-10-2019	05-10-2020	AB+	Broken
2770	19I0031131	PRBC	06-10-2019	17-11-2019	O+	QNS
2771	19I0031147	PRBC	06-10-2019	17-11-2019	O+	QNS
2772	19I0031151	Whole Blood	06-10-2019	10-11-2019	A-	HCV
2773	19I0031153	PRBC	06-10-2019	17-11-2019	A+	QNS
2774	19I0031161	Whole Blood	07-10-2019	11-11-2019	A+	HCV
2775	19I0031164	Whole Blood	07-10-2019	11-11-2019	B-	HBV
2776	19I0031176	Whole Blood	07-10-2019	11-11-2019	O+	HCV
2777	19I0031186	Platelet Concentrate	07-10-2019	13-10-2019	A-	Expired
2778	19I0031196	Platelet Concentrate	07-10-2019	13-10-2019	O+	Expired
2779	19I0031221	Whole Blood	08-10-2019	12-11-2019	O+	HBV
2780	19I0031225	Whole Blood	08-10-2019	12-11-2019	O+	HCV
2781	19I0031247	Whole Blood	08-10-2019	12-11-2019	O+	HCV
2782	19I0031279	PRBC	08-10-2019	19-11-2019	A+	Clot
2783	19I0031284	FFP	08-10-2019	07-10-2020	A+	QNS
2784	19I0031286	PRBC	08-10-2019	19-11-2019	B-	Clot
2785	19I0031300	Whole Blood	09-10-2019	13-11-2019	B+	VDRL
2786	19I0031328	Whole Blood	09-10-2019	13-11-2019	B+	HCV
2787	19I0031357	PRBC	09-10-2019	20-11-2019	A+	QNS
2788	19I0031377	Platelet Concentrate	10-10-2019	16-10-2019	O+	Expired
2789	19I0031477	Whole Blood	11-10-2019	15-11-2019	O-	VDRL
2790	19I0031478	Whole Blood	11-10-2019	15-11-2019	A+	HCV
2791	19I0031505	Whole Blood	11-10-2019	15-11-2019	B-	VDRL
2792	19I0031506	PRBC	11-10-2019	22-11-2019	B+	Clot
2793	19I0031515	PRBC	11-10-2019	22-11-2019	AB+	Expired
2794	19I0031533	Whole Blood	11-10-2019	15-11-2019	AB+	HCV
2795	19I0031540	PRBC	11-10-2019	22-11-2019	B+	Lipemic
2796	19I0031568	PRBC	11-10-2019	22-11-2019	O+	QNS
2797	19I0031577	Whole Blood	11-10-2019	15-11-2019	AB+	VDRL
2798	19I0031650	Platelet Concentrate	12-10-2019	18-10-2019	B-	Expired
2799	19I0031653	Platelet Concentrate	12-10-2019	18-10-2019	O-	Expired
2800	19I0031658	Platelet Concentrate	12-10-2019	18-10-2019	AB+	Expired
2801	19I0031660	Platelet Concentrate	12-10-2019	18-10-2019	0-	Expired
2802	19I0031668	Platelet Concentrate	12-10-2019	18-10-2019	O+	Expired
2803	19I0031669	Whole Blood	12-10-2019	16-11-2019	O+	Lipemic
2804	19I0031684	Whole Blood	12-10-2019	16-11-2019	O-	HCV
2805	19I0031690	PRBC	12-10-2019	23-11-2019	B-	Lipemic
2806	19I0031724	Whole Blood	13-10-2019	17-11-2019	A+	HBV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2807	19I0031734	Platelet Concentrate	13-10-2019	19-10-2019	A+	Expired
2808	19I0031741	Platelet Concentrate	13-10-2019	19-10-2019	AB+	Expired
2809	19I0031807	Whole Blood	13-10-2019	17-11-2019	A-	HCV
2810	19I0031808	PRBC	13-10-2019	24-11-2019	B+	QNS
2811	19I0031825	PRBC	13-10-2019	24-11-2019	A+	Clot
2812	19I0031837	FFP	13-10-2019	12-10-2020	O+	Broken
2813	19I0031871	Platelet Concentrate	14-10-2019	20-10-2019	AB+	Expired
2814	19I0031881	Whole Blood	14-10-2019	18-11-2019	A-	HCV
2815	19I0031892	FFP	14-10-2019	13-10-2020	A+	Lipemic
2816	19I0031897	Platelet Concentrate	14-10-2019	20-10-2019	B+	Expired
2817	19I0031917	FFP	15-10-2019	14-10-2020	A-	Lipemic
2818	19I0031919	Whole Blood	15-10-2019	19-11-2019	B-	HCV
2819	19I0031920	Whole Blood	15-10-2019	19-11-2019	B-	HBV
2820	19I0031928	FFP	15-10-2019	14-10-2020	O-	QNS
2821	19I0031929	Whole Blood	15-10-2019	19-11-2019	B+	VDRL
2822	19I0031956	Platelet Concentrate	15-10-2019	21-10-2019	AB+	Expired
2823	19I0031976	Platelet Concentrate	16-10-2019	22-10-2019	O-	Expired
2824	19I0031992	Whole Blood	16-10-2019	20-11-2019	O+	HCV
2825	19I0031994	FFP	16-10-2019	15-10-2020	A+	QNS
2826	19I0032014	Platelet Concentrate	16-10-2019	22-10-2019	AB+	Expired
2827	19I0032015	Platelet Concentrate	16-10-2019	22-10-2019	O+	Expired
2828	19I0032017	Platelet Concentrate	16-10-2019	22-10-2019	B+	Expired
2829	19I0032020	Platelet Concentrate	17-10-2019	23-10-2019	AB+	Expired
2830	19I0032023	Platelet Concentrate	17-10-2019	23-10-2019	O+	Expired
2831	19I0032025	Whole Blood	17-10-2019	21-11-2019	B+	HCV
2832	19I0032026	Platelet Concentrate	17-10-2019	23-10-2019	O+	Expired
2833	19I0032032	Platelet Concentrate	17-10-2019	23-10-2019	AB+	Expired
2834	19I0032034	Platelet Concentrate	17-10-2019	23-10-2019	O+	Expired
2835	19I0032050	Platelet Concentrate	17-10-2019	23-10-2019	A+	Expired
2836	19I0032055	Platelet Concentrate	17-10-2019	23-10-2019	B+	Broken
2837	19I0032059	Whole Blood	17-10-2019	21-11-2019	O+	Clot
2838	19I0032063	Platelet Concentrate	17-10-2019	23-10-2019	B+	Expired
2839	19I0032064	Platelet Concentrate	17-10-2019	23-10-2019	B+	Expired
2840	19I0032068	Platelet Concentrate	17-10-2019	23-10-2019	B+	Expired
2841	19I0032070	Whole Blood	17-10-2019	21-11-2019	A-	HCV
2842	19I0032073	Platelet Concentrate	18-10-2019	24-10-2019	O+	Expired
2843	19I0032080	Platelet Concentrate	18-10-2019	24-10-2019	AB+	Expired
2844	19I0032082	Platelet Concentrate	18-10-2019	24-10-2019	AB+	Expired
2845	19I0032094	FFP	18-10-2019	17-10-2020	AB-	Broken
2846	19I0032094	Platelet Concentrate	18-10-2019	24-10-2019	AB-	Expired
2847	19I0032103	Whole Blood	18-10-2019	22-11-2019	B+	NAT-HCV
2848	19I0032104	Whole Blood	18-10-2019	22-11-2019	O+	HCV
2849	19I0032138	FFP	19-10-2019	18-10-2020	O+	Broken
2850	19I0032141	Platelet Concentrate	19-10-2019	25-10-2019	O-	Expired
2851	19I0032143	Platelet Concentrate	19-10-2019	25-10-2019	A+	Expired
2852	19I0032161	Platelet Concentrate	19-10-2019	25-10-2019	AB+	Expired
2853	19I0032165	Platelet Concentrate	20-10-2019	26-10-2019	B+	Expired
2854	19I0032196	Platelet Concentrate	20-10-2019	26-10-2019	B+	Expired
2855	19i0032220	Whole Blood	20-10-2019	24-11-2019	A+	VDRL
2856	19I0032221	Whole Blood	20-10-2019	24-11-2019	AB+	Hemolysed
2857	19I0032272	Whole Blood	21-10-2019	25-11-2019	B+	HCV
2858	19I0032287	Whole Blood	22-10-2019	26-11-2019	AB+	VDRL
2859	19I0032344	Whole Blood	23-10-2019	27-11-2019	O+	HBV
2860	19I0032392	Whole Blood	23-10-2019	27-11-2019	O+	HCV
2861	19I0032466	Whole Blood	24-10-2019	28-11-2019	AB+	HCV
2862	19I0032489	Whole Blood	25-10-2019	29-11-2019	AB+	HCV
2863	19I0032490	PRBC	25-10-2019	06-12-2019	O+	QNS
2864	19I0032537	Platelet Concentrate	25-10-2019	31-10-2019	B+	Expired
2865	19i0032552	Whole Blood	26-10-2019	30-11-2019	A+	HCV
2866	19I0032563	Whole Blood	26-10-2019	30-11-2019	AB+	Lipemic
2867	19I0032568	Whole Blood	26-10-2019	30-11-2019	B+	HBV

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2868	19I0032590	Whole Blood	26-10-2019	30-11-2019	A-	HCV
2869	19I0032594	Platelet Concentrate	26-10-2019	01-11-2019	AB+	Expired
2870	19I0032623	Whole Blood	27-10-2019	01-12-2019	A-	HCV
2871	19I0032629	Platelet Concentrate	27-10-2019	02-11-2019	A+	Expired
2872	19I0032632	Whole Blood	27-10-2019	01-12-2019	AB+	HBV
2873	19I0032634	Platelet Concentrate	27-10-2019	02-11-2019	AB+	Expired
2874	19I0032638	Platelet Concentrate	27-10-2019	02-11-2019	A+	Expired
2875	19I0032639	Platelet Concentrate	27-10-2019	02-11-2019	A+	Expired
2876	19I0032689	Whole Blood	29-10-2019	03-12-2019	B+	HCV
2877	19I0032778	Platelet Concentrate	29-10-2019	04-11-2019	AB+	Expired
2878	19I0032845	Platelet Concentrate	30-10-2019	05-11-2019	AB+	Expired
2879	19I0032883	Platelet Concentrate	30-10-2019	05-11-2019	B+	Expired
2880	19I0032899	Platelet Concentrate	30-10-2019	05-11-2019	B+	Expired
2881	19I0032911	Platelet Concentrate	30-10-2019	05-11-2019	O+	Expired
2882	19I0032916	Platelet Concentrate	30-10-2019	05-11-2019	B+	Expired
2883	19I0032980	Whole Blood	31-10-2019	05-12-2019	A+	QNS
2884	19I0033029	Platelet Concentrate	01-11-2019	07-11-2019	AB+	Expired
2885	19I0033052	PRBC	01-11-2019	06-12-2019	O+	QNS
2886	19I0033054	PRBC	01-11-2019	12-12-2019	B+	Clot
2887	19I0033057	PRBC	01-11-2019	12-12-2019	O+	QNS
2888	19I0033058	Whole Blood	01-11-2019	06-12-2019	AB+	HCV
2889	19I0033061	Platelet Concentrate	01-11-2019	07-11-2019	A-	Expired
2890	19I0033077	Platelet Concentrate	01-11-2019	07-11-2019	A+	Expired
2891	19I0033088	PRBC	01-11-2019	12-11-2019	AB+	Lipemic
2892	19I0033091	Platelet Concentrate	01-11-2019	07-11-2019	AB+	Expired
2893	19I0033092	Platelet Concentrate	01-11-2019	07-11-2019	B+	Expired
2894	19I0033098	Platelet Concentrate	01-11-2019	07-11-2019	AB+	Expired
2895	19I0033126	Whole Blood	02-11-2019	07-12-2019	B+	HCV
2896	19I0033133	Whole Blood	02-11-2019	07-12-2019	A+	HBV
2897	19I0033154	Whole Blood	02-11-2019	07-12-2019	A-	HCV
2898	19I0033163	Platelet Concentrate	02-11-2019	08-11-2019	A+	Expired
2899	19I0033176	Platelet Concentrate	02-11-2019	08-11-2019	B+	Expired
2900	19I0033192	Platelet Concentrate	03-11-2019	09-11-2019	O+	Expired
2901	19I0033192	Leucofilter PRBC	03-11-2019	15-12-2019	O+	QNS
2902	19I0033199	Whole Blood	03-11-2019	08-12-2019	AB+	HCV
2903	19I0033211	Whole Blood	03-11-2019	08-12-2019	A+	VDRL
2904	19I0033247	Whole Blood	03-11-2019	08-12-2019	O+	HCV
2905	19I0033258	Whole Blood	03-11-2019	08-12-2019	B+	VDRL
2906	19I0033270	Whole Blood	03-11-2019	08-12-2019	A+	HCV
2907	19I0033270	Whole Blood	03-11-2019	08-12-2019	A+	HCV
2908	19I0033275	Platelet Concentrate	03-11-2019	09-11-2019	B+	Expired
2909	19I0033278	Platelet Concentrate	03-11-2019	09-11-2019	A+	Expired
2910	19I0033323	Whole Blood	04-11-2019	09-12-2019	B+	HCV
2911	19I0033343	Whole Blood	04-11-2019	09-12-2019	B+	HCV
2912	19I0033382	Whole Blood	05-11-2019	10-12-2019	AB+	HCV
2913	19I0033390	Platelet Concentrate	05-11-2019	11-11-2019	A+	Expired
2914	19I0033391	Platelet Concentrate	05-11-2019	11-11-2019	O+	Expired
2915	19I0033402	Platelet Concentrate	05-11-2019	11-11-2019	B+	Expired
2916	19I0033407	Leucofilter PRBC	05-11-2019	17-12-2019	A-	QNS
2917	19I0033408	Leucofilter PRBC	05-11-2019	17-12-2019	A-	QNS
2918	19I0033192	Leucofilter PRBC	03-11-2019	15-12-2019	O+	QNS
2919	19I0033415	Leucofilter PRBC	05-11-2019	17-12-2019	B-	LRB
2920	19I0033416	Leucofilter PRBC	05-11-2019	17-12-2019	B-	Hemolysed
2921	19I0033417	Leucofilter PRBC	05-11-2019	17-12-2019	B+	Hemolysed
2922	19I0033417	Platelet Concentrate	05-11-2019	11-11-2019	AB+	Expired
2923	19I0033418	Leucofilter PRBC	05-11-2019	17-12-2019	B-	Clot
2924	19I0033449	Platelet Concentrate	06-11-2019	12-11-2019	B+	Expired
2925	19I0033458	PRBC	06-11-2019	11-12-2019	B+	Clot
2926	19I0033462	Leucofilter PRBC	06-11-2019	18-12-2019	O+	Hemolysed
2927	19I0033487	Whole Blood	06-11-2019	11-12-2019	AB+	HCV
2928	19I0033490	Whole Blood	06-11-2019	11-12-2019	AB+	HCV

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2929	19I0033490	Leucofilter PRBC	06-11-2019	18-12-2019	A+	QNS
2930	19I0033493	PRBC	06-11-2019	13-11-2019	B+	QNS
2931	19I0033499	Leucofilter PRBC	06-11-2019	18-12-2019	O+	Clot
2932	19I0033548	PRBC	06-11-2019	11-12-2019	B+	Clot
2933	19I0033559	Whole Blood	06-11-2019	11-12-2019	A+	HCV
2934	19I0033571	PRBC	06-11-2019	13-11-2019	O+	Lipemic
2935	19I0033587	Whole Blood	06-11-2019	11-12-2019	O+	HCV
2936	19I0033591	Leucofilter PRBC	06-11-2019	18-12-2019	AB+	Lipemic
2937	19I0033593	Leucofilter PRBC	06-11-2019	18-12-2019	O+	QNS
2938	19I0033594	Platelet Concentrate	06-11-2019	12-11-2019	O+	Expired
2939	19I0033599	Platelet Concentrate	06-11-2019	12-11-2019	O+	Expired
2940	19I0033609	PRBC	06-11-2019	13-11-2019	O+	Broken
2941	19I0033619	Whole Blood	06-11-2019	11-12-2019	AB+	HBV
2942	19I0033623	Platelet Concentrate	07-11-2019	13-11-2019	O+	Expired
2943	19I0033643	Platelet Concentrate	07-11-2019	13-11-2019	O+	Expired
2944	19I0033645	Platelet Concentrate	07-11-2019	13-11-2019	B+	Expired
2945	19I0033646	Leucofilter PRBC	07-11-2019	19-12-2019	AB+	QNS
2946	19I0033646	Platelet Concentrate	07-11-2019	13-11-2019	AB+	Expired
2947	19I0033651	Platelet Concentrate	07-11-2019	13-11-2019	O+	Expired
2948	19I0033670	Leucofilter PRBC	07-11-2019	19-12-2019	AB+	Broken
2949	19I0033673	Whole Blood	07-11-2019	12-12-2019	AB+	VDRL
2950	19I0033680	Whole Blood	08-11-2019	13-12-2019	AB+	HCV
2951	19I0033686	FFP	08-11-2019	07-11-2020	A+	Broken
2952	19I0033689	Platelet Concentrate	08-11-2019	14-11-2019	A+	Expired
2953	19I0033703	Leucofilter PRBC	08-11-2019	20-12-2019	O+	Lipemic
2954	19I0033703	Platelet Concentrate	08-11-2019	14-11-2019	O+	Expired
2955	19I0033707	Whole Blood	08-11-2019	13-12-2019	B+	VDRL
2956	19I0033708	Whole Blood	08-11-2019	13-12-2019	A+	HCV
2957	19I0033709	FFP	08-11-2019	07-11-2020	A+	Broken
2958	19I0033716	Platelet Concentrate	08-11-2019	14-11-2019	A+	Expired
2959	19I0033719	FFP	08-11-2019	07-11-2020	A+	Broken
2960	19I0033734	Whole Blood	08-11-2019	13-12-2019	O+	HCV
2961	19I0033742	Platelet Concentrate	08-11-2019	14-11-2019	A+	Expired
2962	19I0033743	Whole Blood	08-11-2019	13-12-2019	B+	NAT-HBV
2963	19I0033720	Leucofilter PRBC	08-11-2019	20-12-2019	O+	Lipemic
2964	19I0033763	Leucofilter PRBC	09-11-2019	21-12-2019	AB+	QNS
2965	19I0033768	Whole Blood	09-11-2019	14-12-2019	B+	HCV
2966	19I0033776	Platelet Concentrate	09-11-2019	15-11-2019	O+	Expired
2967	19I0033777	Leucofilter PRBC	09-11-2019	21-12-2019	O+	QNS
2968	19I0033783	Leucofilter PRBC	09-11-2019	21-12-2019	A+	Lipemic
2969	19I0033802	Whole Blood	10-11-2019	15-12-2019	A+	HCV
2970	19I0033807	Platelet Concentrate	10-11-2019	16-11-2019	O+	Expired
2971	19I0033817	Leucofilter PRBC	10-11-2019	22-12-2019	A+	Clot
2972	19I0033826	Leucofilter PRBC	10-11-2019	22-12-2019	O-	Hemolysed
2973	19I0033846	Whole Blood	11-11-2019	16-12-2019	B+	HBV
2974	19I0033880	PRBC	11-11-2019	23-12-2019	A+	Broken
2975	19I0033893	Whole Blood	11-11-2019	16-12-2019	AB+	HCV
2976	19I0033907	PRBC	11-11-2019	23-12-2019	O+	Clot
2977	19I0033930	PRBC	11-11-2019	16-12-2019	B+	Clot
2978	19I0033960	FFP	11-11-2019	10-11-2020	AB+	Lipemic
2979	19I0033977	Whole Blood	11-11-2019	16-12-2019	A+	VDRL
2980	19I0033978	FFP	11-11-2019	10-11-2020	A+	RBC Contamination
2981	19I0033979	FFP	11-11-2019	10-11-2020	O+	RBC Contamination
2982	19I0033981	Leucofilter PRBC	11-11-2019	23-12-2019	O+	Clot
2983	19I0034002	FFP	11-11-2019	10-11-2020	B+	Broken
2984	19I0034049	Whole Blood	11-11-2019	16-12-2019	AB+	VDRL
2985	19I0034063	Leucofilter PRBC	12-11-2019	24-12-2019	A+	Broken
2986	19I0034065	Platelet Concentrate	12-11-2019	18-11-2019	A+	Expired
2987	19I0034066	Whole Blood	12-11-2019	17-12-2019	A+	HCV
2988	19I0034069	Platelet Concentrate	12-11-2019	18-11-2019	A+	Expired
2989	19I0034074	Platelet Concentrate	12-11-2019	18-11-2019	AB+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
2990	19I0034075	Platelet Concentrate	12-11-2019	18-11-2019	AB+	Expired
2991	19I0034076	Platelet Concentrate	12-11-2019	18-11-2019	B+	Expired
2992	19I0034088	FFP	12-11-2019	11-11-2020	O+	Broken
2993	19I0034090	Platelet Concentrate	12-11-2019	18-11-2019	B+	Expired
2994	19I0034091	Whole Blood	12-11-2019	17-12-2019	B+	VDRL
2995	19I0034099	FFP	12-11-2019	11-11-2020	AB+	Broken
2996	19I0034103	PRBC	13-11-2019	25-12-2019	A+	Clot
2997	19I0034116	FFP	13-11-2019	12-11-2020	B+	RBC Contamination
2998	19I0034126	Whole Blood	13-11-2019	18-12-2019	A+	VDRL
2999	19I0034127	PRBC	13-11-2019	18-12-2019	A+	Lipemic
3000	19I0034132	Whole Blood	13-11-2019	18-12-2019	A+	HCV
3001	19I0034133	PRBC	13-11-2019	25-12-2019	B+	QNS
3002	19I0034134	PRBC	13-11-2019	25-12-2019	B+	Broken
3003	19I0034135	PRBC	13-11-2019	25-12-2019	B+	QNS
3004	19I0034156	PRBC	13-11-2019	25-12-2019	B+	Clot
3005	19I0034201	Platelet Concentrate	13-11-2019	19-11-2019	A+	Expired
3006	19I0034209	Leucofilter PRBC	13-11-2019	25-12-2019	A+	Clot
3007	19I0034213	FFP	13-11-2019	12-11-2020	A+	QNS
3008	19I0034216	FFP	13-11-2019	12-11-2020	A+	Clot
3009	19I0034219	PRBC	13-11-2019	18-12-2019	B+	QNS
3010	19I0034220	Platelet Concentrate	13-11-2019	19-11-2019	B+	Expired
3011	19I0034221	Platelet Concentrate	13-11-2019	19-11-2019	B+	Expired
3012	19I0034234	Platelet Concentrate	13-11-2019	19-11-2019	A+	Expired
3013	19I0034239	Platelet Concentrate	13-11-2019	19-11-2019	O+	Expired
3014	19I0034240	Leucofilter PRBC	13-11-2019	25-12-2019	A+	Hemolysed
3015	19I0034243	Whole Blood	13-11-2019	18-12-2019	A+	HBV
3016	19I0034250	Platelet Concentrate	13-11-2019	19-11-2019	A+	Expired
3017	19I0034251	Whole Blood	13-11-2019	18-12-2019	O+	HCV
3018	19I0034254	Platelet Concentrate	13-11-2019	19-11-2019	A+	Expired
3019	19I0034260	Platelet Concentrate	14-11-2019	20-11-2019	O+	Expired
3020	19I0034262	Platelet Concentrate	14-11-2019	20-11-2019	A+	Expired
3021	19I0034273	Platelet Concentrate	14-11-2019	20-11-2019	A+	Expired
3022	19I0034274	Leucofilter PRBC	14-11-2019	26-12-2019	A+	QNS
3023	19I0034286	Leucofilter PRBC	14-11-2019	26-12-2019	O+	QNS
3024	19I0034295	Leucofilter PRBC	14-11-2019	26-12-2019	AB+	QNS
3025	19I0034302	Platelet Concentrate	14-11-2019	20-11-2019	A+	Expired
3026	19I0034304	Platelet Concentrate	14-11-2019	20-11-2019	AB+	Expired
3027	19I0034306	Platelet Concentrate	14-11-2019	20-11-2019	AB+	Expired
3028	19I0034306	PRBC	14-11-2019	26-12-2019	AB+	Hemolysed
3029	19I0034309	FFP	15-11-2019	14-11-2020	O+	Broken
3030	19I0034309	Platelet Concentrate	15-11-2019	21-11-2019	A+	Expired
3031	19I0034314	Platelet Concentrate	15-11-2019	21-11-2019	O+	Expired
3032	19I0034319	Platelet Concentrate	15-11-2019	21-11-2019	A+	Expired
3033	19I0034321	Platelet Concentrate	15-11-2019	21-11-2019	AB+	Expired
3034	19I0034325	Platelet Concentrate	15-11-2019	21-11-2019	O-	Expired
3035	19I0034328	Whole Blood	15-11-2019	20-12-2019	O+	HBV
3036	19I0034333	Platelet Concentrate	15-11-2019	21-11-2019	O+	Expired
3037	19I0034339	Platelet Concentrate	15-11-2019	21-11-2019	O+	Expired
3038	19I0034340	FFP	15-11-2019	14-11-2020	B+	Broken
3039	19I0034342	Platelet Concentrate	15-11-2019	21-11-2019	AB+	Expired
3040	19I0034343	Leucofilter PRBC	15-11-2019	27-12-2019	AB+	Clot
3041	19I0034345	Platelet Concentrate	15-11-2019	21-11-2019	A+	Expired
3042	19I0034351	Leucofilter PRBC	15-11-2019	27-12-2019	O-	QNS
3043	19I0034356	Whole Blood	15-11-2019	20-12-2019	B+	HCV
3044	19I0034358	Platelet Concentrate	15-11-2019	21-11-2019	A+	Expired
3045	19I0034358	Leucofilter PRBC	15-11-2019	27-12-2019	A+	Lipemic
3046	19I0034368	Platelet Concentrate	15-11-2019	21-11-2019	AB+	Expired
3047	19I0034369	Whole Blood	15-11-2019	20-12-2019	AB+	HCV
3048	19I0034370	Platelet Concentrate	15-11-2019	21-11-2019	A+	Expired
3049	19I0034376	Platelet Concentrate	16-11-2019	22-11-2019	AB+	Expired
3050	19I0034380	Platelet Concentrate	16-11-2019	22-11-2019	AB+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
3051	19I0034384	Platelet Concentrate	16-11-2019	22-11-2019	A+	Expired
3052	19I0034385	Platelet Concentrate	16-11-2019	22-11-2019	B+	Expired
3053	19I0034388	Platelet Concentrate	16-11-2019	22-11-2019	O+	Expired
3054	19I0034391	Platelet Concentrate	16-11-2019	22-11-2019	A+	Expired
3055	19I0034393	Platelet Concentrate	16-11-2019	22-11-2019	A+	Expired
3056	19I0034394	Platelet Concentrate	16-11-2019	22-11-2019	O+	Expired
3057	19I0034399	Platelet Concentrate	16-11-2019	22-11-2019	AB+	Expired
3058	19I0034406	Platelet Concentrate	17-11-2019	23-11-2019	O+	Expired
3059	19I0034414	Platelet Concentrate	17-11-2019	23-11-2019	B+	Expired
3060	19I0034427	FFP	17-11-2019	16-11-2020	B+	Clot
3061	19I0034430	Whole Blood	17-11-2019	22-12-2019	B+	HIV
3062	19I0034433	Platelet Concentrate	17-11-2019	23-11-2019	A+	Expired
3063	19I0034442	Platelet Concentrate	17-11-2019	23-11-2019	O+	Expired
3064	19I0034452	Platelet Concentrate	17-11-2019	23-11-2019	AB+	Expired
3065	19I0034455	Platelet Concentrate	17-11-2019	23-11-2019	O+	Expired
3066	19I0034473	Whole Blood	18-11-2019	23-12-2019	AB+	HBV
3067	19I0034475	Whole Blood	18-11-2019	23-12-2019	A+	HCV
3068	19I0034481	Whole Blood	18-11-2019	23-12-2019	O+	HCV
3069	19I0034486	Whole Blood	18-11-2019	23-12-2019	O+	HCV
3070	19I0034500	Whole Blood	18-11-2019	23-12-2019	A+	HCV
3071	19I0034509	Whole Blood	18-11-2019	23-12-2019	AB+	HCV
3072	19I0034528	Whole Blood	18-11-2019	23-12-2019	B+	VDRL
3073	19I0034529	PRBC	18-11-2019	30-12-2019	B+	Clot
3074	19I0034548	Whole Blood	18-11-2019	23-12-2019	A+	HCV
3075	19I0034553	Platelet Concentrate	18-11-2019	24-11-2019	AB+	Expired
3076	19I0034554	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3077	19I0034555	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3078	19I0034556	Platelet Concentrate	18-11-2019	24-11-2019	A+	Expired
3079	19I0034557	PRBC	18-11-2019	30-12-2019	B+	QNS
3080	19I0034557	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3081	19I0034564	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3082	19I0034565	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3083	19I0034572	Platelet Concentrate	18-11-2019	24-11-2019	A+	Expired
3084	19I0034575	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3085	19I0034584	Platelet Concentrate	18-11-2019	24-11-2019	A+	Expired
3086	19I0034586	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3087	19I0034592	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3088	19I0034599	Platelet Concentrate	18-11-2019	24-11-2019	AB+	Expired
3089	19I0034601	Whole Blood	18-11-2019	23-12-2019	AB+	HCV
3090	19I0034603	Platelet Concentrate	18-11-2019	24-11-2019	O+	Expired
3091	19I0034606	FFP	18-11-2019	17-11-2020	B+	Broken
3092	19I0034607	Platelet Concentrate	18-11-2019	24-11-2019	B+	Expired
3093	19I0034614	Platelet Concentrate	19-11-2019	25-11-2019	O+	Expired
3094	19I0034617	Platelet Concentrate	19-11-2019	25-11-2019	B+	Expired
3095	19I0034623	Platelet Concentrate	19-11-2019	25-11-2019	AB+	Expired
3096	19I0034624	Platelet Concentrate	19-11-2019	25-11-2019	AB+	Expired
3097	19I0034625	Platelet Concentrate	19-11-2019	25-11-2019	B+	Expired
3098	19I0034634	Platelet Concentrate	19-11-2019	25-11-2019	A+	Expired
3099	19I0034639	Platelet Concentrate	19-11-2019	25-11-2019	AB+	Expired
3100	19I0034640	Platelet Concentrate	19-11-2019	25-11-2019	O+	Expired
3101	19I0034646	Platelet Concentrate	19-11-2019	25-11-2019	B+	Expired
3102	19I0034655	Platelet Concentrate	19-11-2019	25-11-2019	B-	Expired
3103	19I0034660	Platelet Concentrate	20-11-2019	26-11-2019	O+	Expired
3104	19I0034687	Whole Blood	20-11-2019	25-12-2019	B+	HCV
3105	19I0034688	Platelet Concentrate	20-11-2019	26-11-2019	B+	Expired
3106	19I0034690	Platelet Concentrate	20-11-2019	26-11-2019	B+	Expired
3107	19I0034691	Platelet Concentrate	20-11-2019	26-11-2019	B+	Expired
3108	19I0034692	Platelet Concentrate	20-11-2019	26-11-2019	B+	Expired
3109	19I0034700	Whole Blood	21-11-2019	26-12-2019	AB+	HCV
3110	19I0034701	Platelet Concentrate	21-11-2019	27-11-2019	AB+	Expired
3111	19I0034719	Platelet Concentrate	21-11-2019	27-11-2019	AB+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
3112	19I0034720	Platelet Concentrate	21-11-2019	27-11-2019	B+	Expired
3113	19I0034758	PRBC	21-11-2019	02-01-2020	B+	Broken
3114	19I0034809	Platelet Concentrate	21-11-2019	27-11-2019	A+	Expired
3115	19I0034810	Platelet Concentrate	21-11-2019	27-11-2019	A+	Expired
3116	19I0034811	Platelet Concentrate	21-11-2019	27-11-2019	B+	Expired
3117	19I0034813	Platelet Concentrate	21-11-2019	27-11-2019	AB+	Expired
3118	19I0034817	Platelet Concentrate	21-11-2019	27-11-2019	A+	Expired
3119	19I0034818	Platelet Concentrate	21-11-2019	27-11-2019	O-	Expired
3120	19I0034821	Platelet Concentrate	22-11-2019	28-11-2019	AB+	Expired
3121	19I0034822	Platelet Concentrate	22-11-2019	28-11-2019	O+	Expired
3122	19I0034835	Platelet Concentrate	22-11-2019	28-11-2019	B+	Expired
3123	19I0034843	Platelet Concentrate	23-11-2019	29-11-2019	O+	Expired
3124	19I0034848	Platelet Concentrate	23-11-2019	29-11-2019	O+	Expired
3125	19I0034849	Platelet Concentrate	23-11-2019	29-11-2019	O+	Expired
3126	19I0034852	Platelet Concentrate	23-11-2019	29-11-2019	O+	Expired
3127	19I0034854	Platelet Concentrate	23-11-2019	29-11-2019	B+	Expired
3128	19I0034876	Platelet Concentrate	23-11-2019	29-11-2019	O+	Expired
3129	19I0034879	FFP	23-11-2019	22-11-2020	AB+	RBC Contamination
3130	19I0034887	Platelet Concentrate	24-11-2019	30-11-2019	B+	Expired
3131	19I0034891	Platelet Concentrate	24-11-2019	30-11-2019	B+	Expired
3132	19I0034893	Platelet Concentrate	24-11-2019	30-11-2019	B+	Expired
3133	19I0034901	PRBC	24-11-2019	05-01-2020	B+	Clot
3134	19I0034954	Platelet Concentrate	25-11-2019	01-12-2019	O+	Expired
3135	19I0034975	Platelet Concentrate	25-11-2019	01-12-2019	B+	Expired
3136	19I0034979	Platelet Concentrate	25-11-2019	01-12-2019	O+	Expired
3137	19I0035008	Platelet Concentrate	26-11-2019	02-12-2019	O+	Expired
3138	19I0035013	Platelet Concentrate	26-11-2019	02-12-2019	B+	Expired
3139	19I0035035	PRBC	26-11-2019	31-12-2019	B+	Hemolysed
3140	19I0035039	Whole Blood	26-11-2019	31-12-2019	AB+	HBV
3141	19I0035079	Platelet Concentrate	27-11-2019	03-12-2019	B+	Expired
3142	19I0035083	Platelet Concentrate	27-11-2019	03-12-2019	AB+	Expired
3143	19I0035084	FFP	27-11-2019	26-11-2020	B+	Broken
3144	19I0035094	PRBC	27-11-2019	08-01-2020	B+	Clot
3145	19I0035112	Platelet Concentrate	27-11-2019	03-12-2019	O+	Expired
3146	19I0035118	Platelet Concentrate	27-11-2019	03-12-2019	B-	Expired
3147	19I0035120	Platelet Concentrate	27-11-2019	03-12-2019	B+	Expired
3148	19I0035133	Platelet Concentrate	28-11-2019	04-12-2019	AB+	Expired
3149	19I0035144	Platelet Concentrate	28-11-2019	04-12-2019	A+	Expired
3150	19I0035165	FFP	28-11-2019	27-11-2020	B+	QNS
3151	19I0035167	Platelet Concentrate	28-11-2019	04-12-2019	AB+	Expired
3152	19I0035168	Platelet Concentrate	28-11-2019	04-12-2019	AB+	Expired
3153	19I0035169	Platelet Concentrate	28-11-2019	04-12-2019	B+	Expired
3154	19I0035174	Platelet Concentrate	29-11-2019	05-12-2019	AB+	Expired
3155	19I0035178	Platelet Concentrate	29-11-2019	05-12-2019	B+	Expired
3156	19I0035178	Platelet Concentrate	29-11-2019	05-12-2019	B+	Expired
3157	19I0035180	PRBC	29-11-2019	10-01-2020	B+	Clot
3158	19I0035181	PRBC	29-11-2019	10-01-2020	O-	QNS
3159	19I0035184	PRBC	29-11-2019	10-01-2020	AB+	QNS
3160	19I0035195	PRBC	29-11-2019	10-01-2020	B+	QNS
3161	19I0035232	Platelet Concentrate	01-12-2019	07-12-2019	B+	Expired
3162	19I0035236	Whole Blood	01-12-2019	05-01-2020	B+	HCV
3163	19I0035239	Platelet Concentrate	01-12-2019	07-12-2019	B+	Expired
3164	19I0035272	Platelet Concentrate	01-12-2019	07-12-2019	AB+	Expired
3165	19I0035287	Platelet Concentrate	02-12-2019	08-12-2019	B+	Expired
3166	19I0035289	Platelet Concentrate	02-12-2019	08-12-2019	B+	Expired
3167	19I0035292	Platelet Concentrate	02-12-2019	08-12-2019	O+	Expired
3168	19I0035294	Platelet Concentrate	02-12-2019	08-12-2019	B+	Expired
3169	19I0035295	Platelet Concentrate	02-12-2019	08-12-2019	B+	Expired
3170	19I0035312	Platelet Concentrate	02-12-2019	08-12-2019	AB+	Expired
3171	19I0035323	Platelet Concentrate	02-12-2019	08-12-2019	B+	Expired
3172	19I0035324	Platelet Concentrate	02-12-2019	08-12-2019	B+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
3173	19I0035338	Whole Blood	02-12-2019	06-01-2020	AB+	VDRL
3174	19I0035350	Whole Blood	02-12-2019	06-01-2020	B+	HCV
3175	19I0035354	Whole Blood	02-12-2019	06-01-2020	B+	HBV
3176	19I0035355	Whole Blood	02-12-2019	06-01-2020	B-	HCV
3177	19I0035364	Whole Blood	03-12-2019	07-01-2020	B-	VDRL
3178	19I0035367	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3179	19I0035368	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3180	19I0035370	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3181	19I0035372	Platelet Concentrate	03-12-2019	09-12-2019	O+	Expired
3182	19I0035375	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3183	19I0035376	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3184	19I0035379	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3185	19I0035380	Platelet Concentrate	03-12-2019	09-12-2019	AB-	Expired
3186	19I0035382	Platelet Concentrate	03-12-2019	09-12-2019	O+	Expired
3187	19I0035384	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3188	19I0035385	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3189	19I0035386	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3190	19I0035388	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3191	19I0035389	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3192	19I0035390	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3193	19I0035392	FFP	03-12-2019	02-12-2020	O+	Lipemic
3194	19I0035392	Platelet Concentrate	03-12-2019	09-12-2019	O+	Expired
3195	19I0035393	Platelet Concentrate	03-12-2019	09-12-2019	B+	Expired
3196	19I0035399	Whole Blood	03-12-2019	07-01-2020	B+	HCV
3197	19I0035417	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3198	19I0035427	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3199	19I0035428	Platelet Concentrate	04-12-2019	10-12-2019	AB+	Expired
3200	19I0035431	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3201	19I0035432	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3202	19I0035433	Whole Blood	04-12-2019	08-01-2020	A+	HIV
3203	19I0035434	Platelet Concentrate	04-12-2019	10-12-2019	B-	Expired
3204	19I0035436	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3205	19I0035439	Platelet Concentrate	04-12-2019	10-12-2019	O+	Expired
3206	19I0035440	Platelet Concentrate	04-12-2019	10-12-2019	AB+	Expired
3207	19I0035442	Whole Blood	04-12-2019	08-01-2020	O+	HCV
3208	19I0035443	Platelet Concentrate	04-12-2019	10-12-2019	AB+	Expired
3209	19I0035444	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3210	19I0035445	Platelet Concentrate	04-12-2019	10-12-2019	AB+	Expired
3211	19I0035446	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3212	19I0035448	Platelet Concentrate	04-12-2019	10-12-2019	B+	Expired
3213	19I0035467	Platelet Concentrate	05-12-2019	11-12-2019	O+	Expired
3214	19I0035469	Platelet Concentrate	05-12-2019	11-12-2019	B+	Expired
3215	19I0035477	Platelet Concentrate	05-12-2019	11-12-2019	B+	Expired
3216	19I0035480	Platelet Concentrate	05-12-2019	11-12-2019	B-	Expired
3217	19I0035482	FFP	05-12-2019	04-12-2020	B+	Clot
3218	19I0035482	Platelet Concentrate	05-12-2019	11-12-2019	A+	Expired
3219	19I0035484	Platelet Concentrate	05-12-2019	11-12-2019	O+	Expired
3220	19I0035490	Platelet Concentrate	05-12-2019	11-12-2019	O+	Expired
3221	19I0035510	Platelet Concentrate	06-12-2019	12-12-2019	O+	Expired
3222	19I0035517	Platelet Concentrate	06-12-2019	12-12-2019	A+	Expired
3223	19I0035518	Platelet Concentrate	06-12-2019	12-12-2019	O-	Expired
3224	19I0035522	Whole Blood	06-12-2019	10-01-2020	B+	HCV
3225	19I0035526	Platelet Concentrate	06-12-2019	12-12-2019	AB+	Expired
3226	19I0035527	Platelet Concentrate	06-12-2019	12-12-2019	AB+	Expired
3227	19I0035530	Platelet Concentrate	06-12-2019	12-12-2019	O+	Expired
3228	19I0035533	FFP	06-12-2019	05-12-2020	AB+	Expired
3229	19I0035551	Platelet Concentrate	07-12-2019	13-12-2019	O+	Expired
3230	19I0035555	Platelet Concentrate	07-12-2019	13-12-2019	AB+	Expired
3231	19I0035557	Platelet Concentrate	07-12-2019	13-12-2019	B-	Expired
3232	19I0035567	Platelet Concentrate	07-12-2019	13-12-2019	O-	Expired
3233	19I0035569	Whole Blood	07-12-2019	11-01-2020	O+	HBV

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
3234	19I0035572	Platelet Concentrate	07-12-2019	13-12-2019	O+	Expired
3235	19I0035573	Platelet Concentrate	07-12-2019	13-12-2019	AB+	Expired
3236	19I0035576	Platelet Concentrate	07-12-2019	13-12-2019	O+	Expired
3237	19I0035590	FFP	08-12-2019	07-12-2020	O+	Broken
3238	19I0035592	Platelet Concentrate	08-12-2019	14-12-2019	B+	Expired
3239	19I0035600	Platelet Concentrate	08-12-2019	14-12-2019	AB+	Expired
3240	19I0035605	Platelet Concentrate	08-12-2019	14-12-2019	AB+	Expired
3241	19I0035607	Platelet Concentrate	08-12-2019	14-12-2019	B+	Expired
3242	19I0035611	Platelet Concentrate	08-12-2019	14-12-2019	B+	Expired
3243	19I0035616	Platelet Concentrate	08-12-2019	14-12-2019	AB+	Expired
3244	19I0035625	FFP	08-12-2019	07-12-2020	AB+	Broken
3245	19I0035635	FFP	09-12-2019	08-12-2020	B-	Broken
3246	19I0035636	Platelet Concentrate	09-12-2019	15-12-2019	O+	Expired
3247	19I0035642	Whole Blood	09-12-2019	13-01-2020	B+	QNS
3248	19I0035646	Platelet Concentrate	09-12-2019	15-12-2019	B+	Expired
3249	19I0035648	Platelet Concentrate	09-12-2019	15-12-2019	A+	Expired
3250	19I0035649	Whole Blood	09-12-2019	13-01-2020	O+	VDRL
3251	19I0035659	FFP	10-12-2019	09-12-2020	O+	Broken
3252	19I0035664	Platelet Concentrate	10-12-2019	16-12-2019	O+	Expired
3253	19I0035665	Platelet Concentrate	10-12-2019	16-12-2019	O+	Expired
3254	19I0035667	Platelet Concentrate	10-12-2019	16-12-2019	O+	Expired
3255	19I0035669	Platelet Concentrate	10-12-2019	16-12-2019	O+	Expired
3256	19I0035672	Platelet Concentrate	10-12-2019	16-12-2019	O+	Expired
3257	19I0035673	Platelet Concentrate	10-12-2019	16-12-2019	A+	Expired
3258	19I0035674	Platelet Concentrate	10-12-2019	16-12-2019	A+	Expired
3259	19I0035675	Whole Blood	10-12-2019	14-01-2020	AB+	HCV
3260	19I0035679	Platelet Concentrate	10-12-2019	16-12-2019	O+	Expired
3261	19I0035679	FFP	10-12-2019	09-12-2020	O+	Broken
3262	19I0035685	Platelet Concentrate	10-12-2019	16-12-2019	AB+	Expired
3263	19I0035688	FFP	10-12-2019	09-12-2020	AB+	Broken
3264	19I0035690	Platelet Concentrate	10-12-2019	16-12-2019	AB+	Expired
3265	19I0035693	Platelet Concentrate	10-12-2019	16-12-2019	AB+	Expired
3266	19I0035699	Whole Blood	10-12-2019	14-01-2020	O+	VDRL
3267	19I0035706	FFP	10-12-2019	09-12-2020	O+	Broken
3268	19I0035725	Platelet Concentrate	11-12-2019	17-12-2019	A+	Expired
3269	19I0035727	Whole Blood	11-12-2019	15-01-2020	AB+	HCV
3270	19I0035747	FFP	11-12-2019	10-12-2020	B+	Broken
3271	19I0035785	Whole Blood	12-12-2019	16-01-2020	A+	HCV
3272	19I0035786	FFP	12-12-2019	11-12-2020	O+	Broken
3273	19I0035792	Platelet Concentrate	12-12-2019	18-12-2019	O+	Expired
3274	19I0035793	FFP	12-12-2019	11-12-2020	AB-	Clot
3275	19I0035797	Whole Blood	12-12-2019	16-01-2020	O+	VDRL
3276	19I0035801	Platelet Concentrate	12-12-2019	18-12-2019	B+	Expired
3277	19I0035812	Platelet Concentrate	12-12-2019	18-12-2019	AB+	Expired
3278	19I0035814	Platelet Concentrate	12-12-2019	18-12-2019	AB+	Expired
3279	19I0035815	Platelet Concentrate	12-12-2019	18-12-2019	AB+	Expired
3280	19I0035817	Platelet Concentrate	12-12-2019	18-12-2019	B+	Expired
3281	19I0035818	Platelet Concentrate	12-12-2019	18-12-2019	B+	Expired
3282	19I0035828	Whole Blood	12-12-2019	16-01-2020	B+	VDRL
3283	19I0035838	FFP	12-12-2019	11-12-2020	AB+	Broken
3284	19I0035846	Whole Blood	12-12-2019	16-01-2020	AB+	HBV
3285	19I0035853	Whole Blood	13-12-2019	17-01-2020	B+	HBV
3286	19I0035864	Platelet Concentrate	13-12-2019	19-12-2019	B+	Expired
3287	19I0035865	Whole Blood	13-12-2019	17-01-2020	B+	VDRL
3288	19I0035875	Platelet Concentrate	13-12-2019	19-12-2019	AB+	Expired
3289	19I0035884	Platelet Concentrate	13-12-2019	19-12-2019	AB+	Expired
3290	19I0035902	Whole Blood	13-12-2019	17-01-2020	A+	HCV
3291	19I0035918	Whole Blood	14-12-2019	18-01-2020	A+	HCV
3292	19I0035925	Platelet Concentrate	14-12-2019	20-12-2019	AB+	Expired
3293	19I0035938	Platelet Concentrate	14-12-2019	20-12-2019	AB+	Expired
3294	19I0035942	Platelet Concentrate	14-12-2019	20-12-2019	AB+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
3295	19I0035958	Whole Blood	14-12-2019	18-01-2020	B+	HBV
3296	19I0035965	PRBC	14-12-2019	25-01-2020	AB+	Clot
3297	19I0035969	Platelet Concentrate	15-12-2019	21-12-2019	AB+	Expired
3298	19I0035973	Platelet Concentrate	15-12-2019	21-12-2019	B+	Expired
3299	19I0035974	Platelet Concentrate	15-12-2019	21-12-2019	B+	Expired
3300	19I0035978	Platelet Concentrate	15-12-2019	21-12-2019	AB+	Expired
3301	19I0035994	Whole Blood	16-12-2019	20-01-2020	A-	HCV
3302	19I0036062	PRBC	16-12-2019	27-01-2020	A-	Broken
3303	19I0036064	PRBC	16-12-2019	27-01-2020	B+	Broken
3304	19I0036089	Whole Blood	16-12-2019	20-01-2020	O+	VDRL
3305	19I0036096	Whole Blood	16-12-2019	20-01-2020	O+	HCV
3306	19I0036107	Whole Blood	16-12-2019	20-01-2020	O+	VDRL
3307	19I0036109	Platelet Concentrate	16-12-2019	22-12-2019	B+	Expired
3308	19I0036115	Whole Blood	16-12-2019	20-01-2020	AB+	HCV
3309	19I0036117	Whole Blood	16-12-2019	20-01-2020	B+	HCV
3310	19I0036118	Platelet Concentrate	16-12-2019	22-12-2019	O+	Expired
3311	19I0036149	Platelet Concentrate	17-12-2019	23-12-2019	A+	Expired
3312	19I0036161	Platelet Concentrate	17-12-2019	23-12-2019	AB+	Expired
3313	19I0036162	Platelet Concentrate	17-12-2019	23-12-2019	A-	Expired
3314	19I0036168	Whole Blood	17-12-2019	21-01-2020	A+	HCV
3315	19I0036171	Platelet Concentrate	17-12-2019	23-12-2019	A+	Expired
3316	19I0036175	Platelet Concentrate	17-12-2019	23-12-2019	AB+	Expired
3317	19I0036188	Platelet Concentrate	17-12-2019	23-12-2019	O+	Expired
3318	19I0036189	Platelet Concentrate	17-12-2019	23-12-2019	B+	Expired
3319	19I0036191	Platelet Concentrate	18-12-2019	24-12-2019	O+	Expired
3320	19I0036207	Platelet Concentrate	18-12-2019	24-12-2019	O+	Expired
3321	19I0036219	Whole Blood	18-12-2019	22-01-2020	O-	HIV
3322	19I0036220	Platelet Concentrate	18-12-2019	24-12-2019	AB+	Expired
3323	19I0036224	Platelet Concentrate	18-12-2019	24-12-2019	A+	Expired
3324	19I0036225	Platelet Concentrate	18-12-2019	24-12-2019	A+	Expired
3325	19I0036229	Whole Blood	18-12-2019	22-01-2020	AB+	Clot
3326	19I0036243	Whole Blood	18-12-2019	22-01-2020	A+	HCV
3327	19I0036244	Whole Blood	18-12-2019	22-01-2020	A+	VDRL
3328	19I0036250	Whole Blood	18-12-2019	22-01-2020	B+	HCV
3329	19I0036252	Whole Blood	18-12-2019	22-01-2020	A-	HCV
3330	19I0036263	Whole Blood	18-12-2019	22-01-2020	O+	HCV
3331	19I0036270	Whole Blood	18-12-2019	22-01-2020	A+	HCV
3332	19I0036271	Whole Blood	18-12-2019	22-01-2020	B+	HCV
3333	19I0036273	Whole Blood	18-12-2019	22-01-2020	A+	HCV
3334	19I0036274	Whole Blood	18-12-2019	22-01-2020	A+	HCV
3335	19I0036275	Whole Blood	18-12-2019	22-01-2020	O+	HCV
3336	19I0036276	Whole Blood	18-12-2019	22-01-2020	O+	HCV
3337	19I0036297	Whole Blood	18-12-2019	22-01-2020	AB+	HCV
3338	19I0036334	Platelet Concentrate	19-12-2019	25-12-2019	O+	Expired
3339	19I0036340	Platelet Concentrate	19-12-2019	25-12-2019	O+	Expired
3340	19I0036342	Whole Blood	19-12-2019	23-01-2020	B-	HCV
3341	19I0036344	Platelet Concentrate	19-12-2019	25-12-2019	B-	Expired
3342	19I0036348	Platelet Concentrate	19-12-2019	25-12-2019	B+	Expired
3343	19I0036350	Platelet Concentrate	19-12-2019	25-12-2019	O+	Expired
3344	19I0036354	Platelet Concentrate	19-12-2019	25-12-2019	O+	Expired
3345	19I0036358	Platelet Concentrate	19-12-2019	25-12-2019	O+	Expired
3346	19I0036366	Platelet Concentrate	19-12-2019	25-12-2019	B+	Expired
3347	19I0036392	Whole Blood	19-12-2019	23-01-2020	B+	HBV
3348	19I0036394	Platelet Concentrate	20-12-2019	26-12-2019	B+	Expired
3349	19I0036396	Platelet Concentrate	20-12-2019	26-12-2019	A+	Expired
3350	19I0036398	Whole Blood	20-12-2019	24-01-2020	A+	VDRL
3351	19I0036406	Whole Blood	20-12-2019	24-01-2020	A+	HIV
3352	19I0036407	Platelet Concentrate	20-12-2019	26-12-2019	B+	Expired
3353	19I0036413	Platelet Concentrate	20-12-2019	26-12-2019	O+	Expired
3354	19I0036419	Platelet Concentrate	20-12-2019	26-12-2019	O+	Expired
3355	19I0036445	Platelet Concentrate	21-12-2019	27-12-2019	A+	Expired

S.NO.	BloodUnitNo	Blood Component	CollectionDat	ExpiryDate	BloodGroup	ReasonToDiscard
3356	19I0036447	Platelet Concentrate	21-12-2019	27-12-2019	A-	Expired
3357	19I0036448	Platelet Concentrate	21-12-2019	27-12-2019	O-	Expired
3358	19I0036449	Platelet Concentrate	21-12-2019	27-12-2019	B+	Expired
3359	19I0036450	Platelet Concentrate	21-12-2019	27-12-2019	AB+	Expired
3360	19I0036451	Platelet Concentrate	21-12-2019	27-12-2019	AB+	Expired
3361	19I0036454	Platelet Concentrate	21-12-2019	27-12-2019	O-	Expired
3362	19I0036459	Platelet Concentrate	21-12-2019	27-12-2019	O+	Expired
3363	19I0036460	Platelet Concentrate	21-12-2019	27-12-2019	O+	Expired
3364	19I0036461	Platelet Concentrate	21-12-2019	27-12-2019	B+	Expired
3365	19I0036462	Whole Blood	21-12-2019	25-01-2020	AB+	HBV
3366	19I0036464	Platelet Concentrate	21-12-2019	27-12-2019	AB+	Expired
3367	19I0036466	Platelet Concentrate	21-12-2019	27-12-2019	A+	Expired
3368	19I0036467	Platelet Concentrate	21-12-2019	27-12-2019	B+	Expired
3369	19I0036469	FFP	21-12-2019	20-12-2020	B+	Broken
3370	19I0036493	Platelet Concentrate	22-12-2019	28-12-2019	O+	Expired
3371	19I0036498	Whole Blood	22-12-2019	26-01-2020	O+	VDRL
3372	19I0036504	Platelet Concentrate	22-12-2019	28-12-2019	A+	Expired
3373	19I0036506	Platelet Concentrate	22-12-2019	28-12-2019	AB+	Expired
3374	19I0036507	Platelet Concentrate	22-12-2019	28-12-2019	B+	Expired
3375	19I0036509	Platelet Concentrate	22-12-2019	28-12-2019	A+	Expired
3376	19I0036518	Whole Blood	22-12-2019	26-01-2020	A+	VDRL
3377	19I0036531	Whole Blood	22-12-2019	26-01-2020	A+	VDRL
3378	19I0036541	Whole Blood	23-12-2019	27-01-2020	A+	HCV
3379	19I0036553	Platelet Concentrate	23-12-2019	29-12-2019	A+	Expired
3380	19I0036557	Platelet Concentrate	23-12-2019	29-12-2019	B+	Expired
3381	19I0036558	Platelet Concentrate	23-12-2019	29-12-2019	A+	Expired
3382	19I0036564	Platelet Concentrate	23-12-2019	29-12-2019	AB+	Expired
3383	19I0036567	Platelet Concentrate	23-12-2019	29-12-2019	O+	Expired
3384	19I0036569	Platelet Concentrate	23-12-2019	29-12-2019	O-	Expired
3385	19I0036570	Platelet Concentrate	23-12-2019	29-12-2019	O+	Expired
3386	19I0036614	Whole Blood	24-12-2019	28-01-2020	A-	VDRL
3387	19I0036616	Platelet Concentrate	24-12-2019	30-12-2019	O-	Expired
3388	19I0036618	Platelet Concentrate	24-12-2019	30-12-2019	A-	Expired
3389	19I0036619	Platelet Concentrate	24-12-2019	30-12-2019	AB+	Expired
3390	19I0036620	Platelet Concentrate	24-12-2019	30-12-2019	AB+	Expired
3391	19I0036629	Whole Blood	24-12-2019	28-01-2020	O-	HCV
3392	19I0036630	Whole Blood	24-12-2019	28-01-2020	O+	HCV
3393	19I0036648	Platelet Concentrate	25-12-2019	31-12-2019	O+	Expired
3394	19I0036649	Platelet Concentrate	25-12-2019	31-12-2019	B+	Expired
3395	19I0036650	Platelet Concentrate	25-12-2019	31-12-2019	AB+	Expired
3396	19I0036661	Platelet Concentrate	25-12-2019	31-12-2019	AB+	Expired
3397	19I0036664	Platelet Concentrate	25-12-2019	31-12-2019	A+	Expired
3398	19I0036704	Whole Blood	25-12-2019	29-01-2020	B+	VDRL
3399	19I0036749	Whole Blood	26-12-2019	30-01-2020	B+	HBV
3400	19I0036750	Whole Blood	26-12-2019	30-01-2020	O+	VDRL
3401	19I0036757	Leucofilter PRBC	26-12-2019	06-02-2020	O+	QNS
3402	19I0036774	Whole Blood	27-12-2019	31-01-2020	A+	HCV
3403	19I0036818	Whole Blood	27-12-2019	31-01-2020	AB+	HCV
3404	19I0036819	Whole Blood	27-12-2019	31-01-2020	B+	HCV
3405	19I0036834	Whole Blood	27-12-2019	31-01-2020	A+	HBV
3406	19I0036840	Whole Blood	27-12-2019	31-01-2020	A+	VDRL
3407	19I0036860	Whole Blood	27-12-2019	31-01-2020	A+	HCV
3408	19I0036874	Whole Blood	27-12-2019	31-01-2020	A+	HCV
3409	19I0036887	Whole Blood	27-12-2019	31-01-2020	A+	HCV
3410	19I0036891	Whole Blood	27-12-2019	31-01-2020	B+	VDRL
3411	19I0036934	Whole Blood	27-12-2019	31-01-2020	A+	VDRL
3412	19I0036951	Whole Blood	28-12-2019	01-02-2020	AB+	HCV
3413	19I0036986	Whole Blood	28-12-2019	01-02-2020	O+	HBV
3414	19I0036996	Whole Blood	29-12-2019	02-02-2020	O-	VDRL
3415	19I0037009	Whole Blood	29-12-2019	02-02-2020	O+	HCV
3416	19I0037104	Leucofilter PRBC	30-12-2019	10-02-2020	B+	Clot

ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR

THESIS PROPOSAL

FOR APPROVAL

OF SUBJECT OF THESIS TO BE SUBMITTEDIN PARTIAL

FULFILMENT OF THE REQUIREMENTS

FOR THE DEGREE OF

DOCTOR OF MEDICINE

In

IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION
OF THE

BABA FARID UNIVERSITY OF HEALTH SCIENCES

FARIDKOT

AUGUST, 2018

DR PRIYA PRASAD

DEPARTMENT OF IMMUNOHAEMATOLOGY AND BLOOD TRANSFUSION
DAYANAND MEDICAL COLLEGE AND HOSPITAL
LUDHIANA

ABSTRACT OF PLAN OF THESIS

Title	**ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR**
For the degree of	MDIMMUNOHAEMATOLOGYANDBLOOD TRANSFUSION
Name of the Candidate	DR.Priya Prasad
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Institution	Dayanand Medical College & Hospital, Ludhiana
University	Baba Farid University Of Health Sciences, Faridkot

Introduction: Blood transfusion service (BTS) is an integral part of modern medicine. Many factors lead to wastage of blood products like broken bag, broken seal, expired units, returned after 2 hrs, etc. Therefore, the Blood Transfusion Services (BTS) plays an important role and is responsible for ensuring sufficiency, quality, and safety of the blood supply.

Aim of Study: Our aim is to evaluate the rate and causes of wastage of blood and its components and its impact on the quality of blood transfusion services.

Materials & Methods: This is a prospective study based on the information retrieved from the Blood Bank Information System. These included the number of units of various blood and blood components discarded & the reason for the discard and its impact on the quality control using wastage/ discard rate formula.

Discard rate= (no. of blood & blood components discarded/total no. of blood & blood components issued x 100

Clinical Significance: While the blood supply is limited, blood use increases every year. Proper clinical use of blood is an important and critical issue especially in regions that are facing limitations in the number of blood units.

Keywords: Blood component, blood transfusion, discard rate, whole blood, quality indicators.

(Signature) Candidate	(Signature) Co-supervisor	(Signature) Co-supervisor	(Signature) Supervisor	(Signature) Principal

CERTIFICATE OF FACILITIES AVAILABLE

This is to certify that the facilities for work on the subject of thesis titled **"ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR"** exist in the Department of Immunohematology And Blood Transfusion, Dayanand Medical College & Hospital, and Ludhiana and will be provided to the candidate. We will see that the data being included in the thesis are genuine and is collected by the candidate himself/herself under our supervision and guidance.

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Place: Ludhiana

Date: 15/12/2018

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Date of enrollment	10TH MAY 2016
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1. Supervisor	Dr Rajesh Kumar
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2. HOD Surgery	2.HOD Pathology
3. HOD Pathology	3.HOD Pharmacology
4. HOD Medicine	4.HOD SPM
5. Dean Academics	5 HOD Medicine
6. Vice Principal	6.HOD Surgery
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	12.Principal

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Chairperson
Research committee
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Research Committee

Approved: Yes/No

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Chairperson
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2	**NAME OF THE INSTITUTE**	Dayanand Medical College, Ludhiana.
3	**COURSE OF STUDY AND SUBJECT**	MD in Immunohematology and Blood Transfusion
4	**DATE OF ADMISSION OF COURSE**	10TH MAY 2018
5	**TITLE OF THE TOPIC**	**ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR**

6. BRIEF RESUME OF THE INTENDED WORK

6.1 NEED FOR THE STUDY

Blood and blood components are essential for human life and that is why blood transfusion is called as a life-saving intervention. There are many reasons which lead to decrease in provision of blood and blood products like improper donor recruitment, poor stock management and its transportation. The blood supply and its ever increasing demand are usually out of proportion i.e. the supply of blood is always lower than the demand.

The developing countries including India collect only less than half of the total blood needed to meet the requirement of blood transfusion of its population. It is also studied that most of the blood supplies are usually used for complications such as trauma, pregnancy and labour as well as severe anemia in pediatric age group.

For effective management of patients, medical technology requires an increased and successful provision of safe blood and blood products. Since there is an ever increasing demand of blood especially in a country like ours where there is a relative shortage of blood, more stringent and proper guidelines must be implemented for proper utilization of blood and its components.

One major issue in transfusion medicine is the indication for transfusion of blood or blood components which usually varies amongst different physicians. Increased demand by practioners as well as poor compliance causes shortage of blood which imposes higher cost on blood bank for meeting the required demands.

Quality indicator is defined as a specific measurement of the performance of functions and processes used to make informed decisions regarding whether a process is in control or identify opportunities for improvement. The American Association of Blood Banks (AABB) defined quality indicators as the specific performance measurements designed to monitor one or more processes during a defined time which are useful for evaluating service demands, production, adequacy of personnel, inventory control, and process stability.

- This study includes the reasons for discarding of blood and blood components that can be one or more of the following :

✓ **1. Expiry :**

- Whole blood – 35 days
- PRBC & Leucodepleted PRBC – 42 days
- Platelet concentrate- 5 days, Single donor platelet- 5 days
- Fresh frozen plasma- 1 year at -80°C
- Cryoprecipitate- 1 year at -80°C
- Single donor plasma- 1 year at -80°C.

✓ 2. **Leakage**- leakage of blood or blood components during processing or storage

✓ 3. **TTI seropositivity & NAT positivity** for HIV, HBV, HCV, Malaria & Syphilis

✓ 4. **Clotted**

✓ 5. **Quantity not sufficient (QNS)**- whole blood collected <200ml

6. Lipemic- presence of high concentration of lipids in blood , appears yellow on gross examination

7. Poor quality

8. Hemolysed- visual detection by observing the colour of supernatant plasma

9. RBC contamination in platelet - 0.5ml of RBC contamination allowed

10. Icteric units- visual appearance of bright yellow to brown due to high bilirubin content in blood

11. Late returned back — blood bags returned after 30 minutes of issue from blood bank.

Following Quality Indicators will be analyzed and studied for the purpose of our study:

1. Percentage of TTI
2. Wastage Rate or discard rate
3. Component QC failures (for each component)
4. Delays in transfusion beyond 2hr after issue

6.2 REVIEW OF LITERATURE

Blood and blood components are wasted due to improper method of blood collection and inappropriate blood component processing. Therefore these non conformant blood products cannot be issued to any patient since they are rendered ineffective because of multiple reasons for e.g. hemolysis, leakage, lipemia, RBC contamination, icteric colour before the expiration date etc.

One of the challenges of blood transfusion service is to supply a good number of blood and blood components as per the demand. An efficient blood collection would include a good amount of safe blood from healthy, voluntary, non remunerated and low risk donors.[1-4]

To meet the ever increasing demand of blood the blood transfusion service can either increase its level of resources which are used in the collection as well as production of blood and blood components, or it can also utilize the existing resources more effectively.[5]

Blood transfusion service can also increase its efficiency by reducing the amount of wastage of blood and blood component due to inappropriate collection of blood and faulty processing of components.

The BTS can reach the highest levels of efficiency in terms of quantity and quality of blood and blood components through the implementation of a quality management system in all phases of the collection, processing, and storage of the blood. A functioning quality system would ensure all processes and procedures would adhere to quality standards and this would improve the quality

and safety of blood components as well as to reduce the amount of blood discarded to a level that is more acceptable to the set standards.

Various quality indicators can be implemented in order to monitor the efficiency of processing as well as preparation of blood and blood components. The discard rate is one of the useful indicators employed for the same. Discard rate is defined as a quality indicator calculated as a proportion of the total number of blood and blood components discarded from the total number of blood collection. The discard rate is inversely related to the quality of blood and its components. Therefore when the discard rate is low, the efficiency of blood collection is high and vice versa.[6]

By analyzing the data and the reason for the discards, the BTS can develop plans to improve performance through education and training of staff and introducing new measures in order to minimize the number of discarded blood to a reasonable rate.

A study done by Deb et al [7]in 2001 it was observed that out of the total collection, an average of 292 (14.61%) blood bags were discarded. Out of this 242(82.87%) blood bags were discarded due to non utilization.

Another study in 1639 hospitals done by Novis et al in USA in 2002, the discard rate of FFP ranged from 2-2.5 % & that of RBC ranged from 0.1-0.7.[8,9]

Thakare et al [10] conducted a study from 2005-2007 in blood bank of Government medical college, Aurangabad, India. It was found that on average 3.58% units of blood were discarded over a period of 3 years. The reasons for discarding of

blood was found to be TTI positivity (68.86%), out of which the most common TTI was hepatitis B (49.82%) followed by HIV (10%) &HCV (8.7%).

In 2005, Chitins et al [11] at Indore conducted one study in Choithram Hospital and Research Centre. It was found that most of the blood bags (10%) were discarded due to TTI seropositivity for hepatitis B, HIV or HCV infection.

Study done by Morish et al[12] (January- December 2007) in National blood center, Kuala Lumpur revealed that out of a total of 390,634 whole blood & blood components prepared, 8968 (2-3%) blood units were discarded.

Gauravi et al[13], Gujrat, India founded that 226(2.86%) blood bags were discarded because of seropositivity for TTI against 7882 blood begs collected in year 2008.

In studies conducted by Kumar et al[14] (November 2009- May 2011) the most common components discarded were platelets and which were non utilized.

Wastage of blood components will continue to be an issue at all hospitals therefore inexpensive and easy interventions such as educational outreach, print and digital messaging, and improved transportation and component identification modalities can have a prompt and dramatic impact on reducing blood wastage.

BTS can reach the highest levels of efficiency through implementation of quality management systems (QMS).[15]

QMS includes the organizational structure, responsibilities, policies, processes, procedures, and resources established by the management to achieve and maintain quality.[16]

A retrospective study was done at a tertiary care institute from January 2014 till December 2014. This study included both voluntary and replacement blood donations with the majority of the collected blood being utilised for component processing. In this study, 11923 blood bags were collected in total out of which 1557 units of blood & blood components were discarded. The discard rate was found to be 5.8% for whole blood & blood components whereas discard rate for whole blood was comparatively higher i.e. 21.9%.[17]

In another study by Magnussen et al, a difference in the quality control of RBC and platelets was reported. He reported that there was a difference in the quality when inexperienced blood bank staff were replaced with experienced & skilled manufacturing staffs.[18]

A retrospective study was carried out at National blood centre, kuala lumpur from January 1- 31 December 2007 analysing the discard of blood and blood components. This study included the discarding of packed red cells, whole blood, FFP, platelets & cryoprecipitate because of inappropriate collection & processing of blood. A total of 390634 units of blood & blood components were collected in the year 2007. The study concluded that the discard rate of FFP and RBC were comparable with the study of Novis in USA, in which the discard rate were found to be 2% to 2.5% for FFP & 0.1 to 0.7% for RBCs.[19,20]

6.3 AIMS AND OBJECTIVES OF THE STUDY

1. To evaluate the reasons of discard of blood & blood components.

2. To analyse the data & provide a helpful guideline for optimum use of blood and blood component

7.0 MATERIALS AND METHODS

The prospective study was carried out in the blood bank

1. Place of study : Blood Bank
2. Duration of study : 12months prospective study

(From 1st January 2019 to December 2019)

7.1 SOURCE OF DATA

All blood bags collected during the 1 year duration.

7.2 METHOD OF COLLECTION OF DATA

This study analysed the various factors responsible for discarding of whole blood, packed cells, platelets, FFP& cryoprecipitate due to inappropriate blood collection & processing. It includes components that were underweight, overweight, hemolysed, leakage, clots, lipemic& RBC contamination of plasma or platelets, turbid or expired. It includes the daily amount of blood collection, number of units of various components discarded, reason for discard & discard rate, also included was the wastage rate which was calculated using appropriate formula.

Inclusion Criterion –The present study includes blood units discarded for different reasons, which include transfusion transmitted infection (TTI) positivity, expired, suboptimal volume, leakage, clotted, hemolyzed, contamination of RBCs, not utilize after issue, and icteric blood units discarded during the study period over 12 months.

Exclusion Criterion – donors with history of fever, jaundice, allergy, donor deferral & adverse donor reactions.

DURATION OF STUDY- one year prospective study

OUTCOME- blood being irreplaceable resource needs to be properly utilised with zero percent wastage. Proper implementation of blood transfusion policies will help in minimising discard rate due to non utilisation of blood and blood components. Hospital should routinely audit to monitor blood product wastage as a quality indicator, investigate factors contributing to wastage & establish system to reduce wastage.

STATISTICAL ANALYSIS- Data will be described in terms of range; mean ±standard deviation (± SD), median, frequencies (number of cases) and relative frequencies (percentages) as appropriate. All statistical calculations will done using SPSS (Statistical Package for the Social Science) SPSS 21 version statistical program for Microsoft Windows.

7.3 DOES THE STUDY REQUIRE ANY INVESTIGATIONS OR INTERVENTIONS TO BE CONDUCTED ON PATIENTS OR OTHER HUMANS OR ANIMALS? IF SO, PLEASE DESCRIBE BRIEFLY.

No

7.4 HAS ETHICAL CLEARANCE BEEN OBTAINED FROM YOUR INSTITUTION IN CASE OF 7.3?

Yes

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PROFORMA

- **S. No**
- **REGISTRATION NUMBER**
- **DATE OF COLLECTION/ EXPIRY**
- **BLOOD GROUP**
- **WHOLE BLOOD & TYPE OF COMPONENT**
- **REASON OF DISCARD**
- EXPIRED
- LEAKAGE
- TTI SEROPOSITIVE
- LATE RETURNED BACK
- CLOTTED
- QNS
- LIPEMIC
- POOR QUALITY
- HEMOLYSED
- RBC CONTAMINATION
- ICTERIC UNITS

Signature of Candidate **Signature of Supervisor**

INFORMED PATIENT CONSENT

Date: 15/12/2018

I.....D/o, W/o, S/o..... .....am willing to participate in the study **"ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR"** The procedure with its complications has been explained to me in local vernacular language. I have fully understood that no special tests and extra expenditure in any form, merely for the purpose of thesis is being carried out. I am free to opt out the study any time without assigning any reason.

.....
Signature of the Witness

Name:

.....
Signature of the patient

Signature of Candidate

Signature of Supervisor

मरीज अनुमति फार्म

तिथि _____

मैं _____ पत्नी/पुत्र/पुत्री _____

निवासी _____

इस शोधकार्य **"ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR"** में भाग लेने के लिए सहमत हूँ। मैं इस शोधकार्य में भाग लेने के लिए अपनी स्वेच्छा से तैयार हूँ। मैं पुष्टि करता/करती हूँ की यह स्वीकृति देने के लिए मुझे कोई आर्थिक प्रलोभन नहीं दिया गया और न ही दबाव डाला गया है। मुझे इस शोधकार्य का उद्देश्य स्पष्ट कर दिया गया है और मुझे यह विश्वास है की यह विज्ञान और मानवता के लाभ के लिए है। मुझे इस शोधकार्य में होने वाले जोखिम के बारे में समझा दिया गया है और मेरी समझ में यह जोखिम बहुत मामुली है।

मैं इस शोधकार्य में भाग लेने के सम्बन्ध में किसी भी समय अपनी अस्वीकृति व्यक्त कर सकता/सकती हूँ और मेरे अस्वीकृति व्यक्त करने का मेरे इलाज पर कोई प्रभाव नहीं पड़ेगा।

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गवाह के हस्ताक्षर

नाम:

_____

रोगी के हस्ताक्षर/अंगूठे का निशान

नाम:

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अन्वेषक के हस्ताक्षर

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विद्यार्थी के हस्ताक्षर

ਮਰੀਜ਼ ਰਜ਼ਾਮੰਦੀ ਫਾਰਮ

ਮਿਤੀ_____

ਮੈ_____ਪਤਨੀ/ਪੁੱਤਰ/ਪੁੱਤਰੀ_____

ਵਾਸੀ _____

"ANALYSIS OF WASTAGE OF BLOOD AND BLOOD COMPONENTS AS A QUALITY INDICATOR" ਤੇ ਚਲ ਰਹੀ ਖੋਜ ਵਿਚ ਹਿੱਸਾ ਲੈਣ ਲਈ ਰਜ਼ਾਮੰਦ ਹਾਂ। ਇਸ ਖੋਜ ਕੰਮ ਵਿਚ ਹਿੱਸਾ ਲੈਣ ਲਈ ਮੈ ਆਪਣੀ ਮਰਜ਼ੀ ਨਾਲ ਤਿਆਰ ਹਾਂ। ਮੈ ਇਹ ਦਸਣਾ ਚਾਹੁੰਦਾ ਹਾਂ/ ਚਾਹੁੰਦੀ ਹਾਂ ਕੇ ਇਹ ਰਜ਼ਾਮੰਦੀ ਦੇਣ ਵਾਸਤੇ ਮੈਨੂ ਕਿਸੇ ਵੀ ਤਰਾਂ ਦਾ ਲੋਭ-ਲਾਲਚ ਨਹੀ ਦਿੱਤਾ ਗਿਆ ਅਤੇ ਨਾ ਹੀ ਕੋਈ ਦਬਾ ਪਾਇਆ ਗਿਆ ਹੈ। ਮੈਨੂ ਇਸ ਖੋਜ ਦਾ ਮਨੋਰਥ ਸਮਝਾ ਦਿੱਤਾ ਗਿਆ ਹੈ ਅਤੇ ਮੈਨੂ ਇਹ ਭਰੋਸਾ ਦਵਾਇਆ ਗਿਆ ਹੈ ਕੇ ਇਹ ਖੋਜ ਵਿਗਿਆਨ ਅਤੇ ਮਾਨਵਤਾ ਦੀ ਭਲਾਈ ਲਈ ਹੈ। ਮੈਨੂ ਇਸ ਖੋਜ ਵਿਚ ਹੋਣ ਵਾਲੇ ਖਤਰੇ ਬਾਰੇ ਸਮਝਾ ਦਿੱਤਾ ਗਿਆ ਹੈ ਅਤੇ ਮੈਨੂ ਇਹ ਯਕੀਨ ਹੈ ਕੇ ਇਹ ਖਤਰਾ ਬਹੁਤ ਮਾਮੂਲੀ ਹੈ। ਮੈਨੂ ਇਸ ਖੋਜ ਕੰਮ ਵਿਚ ਹਿੱਸਾ ਲੈਣ ਦਾ ਢੰਗ – ਤਰੀਕਾ ਸਮਝਾ ਦਿੱਤਾ ਗਿਆ ਹੈ।

ਮੈ ਇਸ ਖੋਜ ਕੰਮ ਵਿਚ ਹਿੱਸਾ ਲੈਣ ਬਾਰੇ ਆਪਣੀ ਰਜ਼ਾਮੰਦੀ ਕਿਸੇ ਵੀ ਸਮੇ ਵਾਪਸ ਲੈ ਸਕਦਾ ਹਾਂ/ ਸਕਦੀ ਹਾਂ ਅਤੇ ਮੇਰੀ ਰਜ਼ਾਮੰਦੀ ਵਾਪਸ ਲੈਣ ਦਾ ਮੇਰੇ ਇਲਾਜ ਤੇ ਕੋਈ ਅਸਰ ਨਹੀ ਹੋਵੇਗਾ।

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ਗਵਾਹ ਦੇ ਹਸਤਾਖਰ

ਮਿਤੀ_____

ਪਤਾ _____

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ਮਰੀਜ਼ ਦੇ ਹਸਤਾਖਰ

ਮਿਤੀ_____

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ਨਿਰੀਖਕ ਦੇ ਹਸਤਾਖਰ

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ਸਿਖਿਆਰਥੀ ਦੇ ਹਸਤਾਖਰ